

DOCUMENT RESUME

ED 351 910

HE 025 965

AUTHOR Wingard, Tamara L.; And Others
TITLE The American College Student, 1989. National Norms for 1985 and 1987 College Freshmen.
INSTITUTION American Council on Education, Washington, D.C.; California Univ., Los Angeles. Higher Education Research Inst.
REPORT NO ISBN-1-878477-80-0
PUB DATE Oct 91
NOTE 389p.; For related documents, see HE 025 962-967.
AVAILABLE FROM Higher Education Research Institute, Graduate School of Education, 320 Moore Hall, University of California, Los Angeles, CA 90024-1521 (\$15).
PUB TYPE Reports - Research/Technical (143) -- Statistical Data (110) -- Tests/Evaluation Instruments (160)
EDRS PRICE MF01 Plus Postage. PC Not Available from EDRS.
DESCRIPTORS *College Freshmen; Comparative Analysis; Course Selection (Students); Data Collection; Higher Education; Institutional Environment; National Surveys; Statistical Data; *Student Attitudes; *Student Characteristics; *Student Development; *Student Educational Objectives; Student Participation; *Undergraduate Study

ABSTRACT

This 1989 report provides a statistical overview of followup surveys concerning college freshmen (in 1985 and 1987) students attending two- and four-year colleges and universities. The report's purpose is to contrast college freshmen responses with those given 2 and 4 years later to better examine how students change during the undergraduate years. Additionally presented is a description of the methods used in collecting and presenting the data. The report's first three sections report adjusted national norms from the 1989 followup of 1985 freshmen men, women, and all students. Sections 4 through 6 provide weighted tabulations for men, women, and all 1987 freshmen who responded to the 1989 followup survey. Each section includes not only 1989 followup data, but also appropriate freshman data. Also reported are the weighted retention figures for 1985 freshmen, provided for four-year institutions by type, selectivity, and student academic achievement levels. Appendices include the weighted methodology used in the statistical analysis, the student survey instrument, and a conversion chart for converting American College Testing scores to Scholastic Aptitude Test equivalents. (GLR)

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The American College Student, 1989

National Norms for 1985 and 1987 College Freshmen

Prepared by the Staff of the
Higher Education Research Institute

Tamara L. Wingard
Jesús G. Treviño
Eric L. Dey
William S. Korn

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National Norms for 1985 and 1987 College Freshmen

**Prepared by the staff of the
Higher Education Research Institute**

**Higher Education Research Institute
Graduate School of Education
University of California, Los Angeles**

October, 1991

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Eric L. Dey, Associate Director
William S. Korn, Associate Director for Operations
Ellyne R. Riggs, HERI Office Manager Robin Bailey, Assistant to the Director

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Published by the Higher Education Research Institute. Suggested citation:

Higher Education Research Institute. (1991). *The American College Student, 1989: National norms for the 1985 and 1987 freshman classes*. Los Angeles: HERI.

Additional copies of this report may be purchased from the Higher Education Research Institute, Graduate School of Education, 320 Moore Hall, University of California, Los Angeles, CA 90024-1521. Please remit \$15.00 with your order.

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ISBN 1-878477-08-0

The American College Student, 1989

National Norms for 1985 and 1987 College Freshmen

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ACKNOWLEDGEMENTS

The 1989 Follow-up survey of 1985 and 1987 college freshmen was carried out during the summer and fall of 1989 under the general direction of Alexander W. Astin, Professor and Director of the Higher Education Research Institute at UCLA. Guadalupe Anaya, Eric L. Dey, Sylvia Hurtado, William S. Korn, and Jeffrey F. Milem made contributions to questionnaire design.

This report was prepared by Eric L. Dey, William S. Korn, Jesús Treviño, and Tamara Wingard.

An Overview of the 1989 Follow-up of 1985 and 1987 College Freshmen

The Cooperative Institutional Research Program (CIRP) is a longitudinal study of the impact of different types of college environments on a student's development. Since 1966, the entering freshman classes at a national sample of colleges and universities across the United States have been surveying their entering freshmen. In the early years of the CIRP, longitudinal follow-ups were conducted at irregular intervals based upon available funding. Beginning in 1982, however, CIRP has conducted annual follow-ups of freshmen two and four years after entering college.

This technical report describes the methods used in collecting and presenting the data, as well as providing the data from the 1989 follow-up study. The 1989 follow-up, carried out during the summer and fall of 1989, surveyed students who entered college in 1985 and 1987. Following the input-environment-outcomes (I-E-O) design described in Astin (1991), the freshman survey collects input data and the follow-up survey collects outcome data. Additionally, the follow-up survey collects information on the experiences of students since entering college.

Method

Fiscal constraints precluded our following up all of the nearly 570,000 freshmen who completed our entering surveys in the fall of 1985 and 1987; therefore, a sampling strategy had to be devised. Since we were concerned with achieving as much representation as possible, our strategy was to obtain, for each of the two cohorts, approximately 175 respondents in each of 23 stratification cells used in the freshman survey. We included roughly equal numbers of men and women in each respondent group. Based on patterns of responses obtained in previous follow-up surveys, a sample size which would be expected to yield the desired number of men and women respondents in each stratification cell for each cohort was computed. For example, if males at public four-year colleges were historically one-third as likely to respond as females from private universities, the males' sample size would have to be three times as large as the females' to yield the same number of respondents. This sample was then randomly selected from the population of freshman survey respondents included in the national norms for 1985 and 1987 (see Appendix A of *The American Freshman: National Norms for 1985* for a detailed discussion of the freshman survey methodology).

Follow-up questionnaires were mailed to the students' home addresses in the summer of 1989. A second wave of questionnaires were sent to nonrespondents in the early fall of the same year. In addition, we requested further information on students in the sample from their specific

institution. These requests were made through each institution's CIRP representative. This information included: Degree earned (if any), number of years completed at that institution, and whether or not the student was still enrolled at that institution. These "registrar's data" were used to correct for questionnaire nonresponse bias and to study retention. Results of the collection procedures for the registrar's data can be found in Appendix A, Tables A1-A7.

Institutional response rates to our request for registrar's data approached 61% for the 1985 cohort and 60% for the 1987 cohort. Rates of response by students to the mailed follow-up surveys ran substantially lower: 23% and 22% for the 1985 and 1987 cohorts, respectively. However, the unique characteristics of the CIRP survey make it possible to use sophisticated weighting procedures to correct for the potential nonresponse bias. Three sources of information were used in adjusting for these biases: The CIRP freshman survey data, the stratification cell of the student's institution, and the registrar's data¹.

The weighting procedures for the questionnaire data involved three stages. In the first stage, a series of regression analyses was carried out to remove any response bias in either the CIRP freshman survey data or the registrar's data. In effect, this procedure gives the greatest weight to those respondents who most resemble the non-respondents in terms of CIRP freshman and registrar's data. In the second stage, the weights obtained from the first stage were adjusted to equal the number of questionnaires mailed out within each stratification cell. In the third stage, the weighted totals in each stratification cell were inflated to equal the total number of first-time, full-time freshmen entering college in that cell in either 1985 or 1987. A complete description of these weighting procedures is provided in Appendix A. Weights for the registrar's data were computed in a similar fashion, except that the first step was skipped.

Results

Included in this report are three major sections of information based upon the 1989 follow-up survey: The adjusted norms for 1985 freshmen, the adjusted norms for 1987 freshmen, and weighted national retention figures for 1985 freshmen.

Complete weighted tabulations of the CIRP follow-up survey responses are provided for the 1985 and 1987 freshmen in the sections that follow. The first three sections report adjusted national norms from the 1989 follow-up of 1985 freshmen men, women, and all students. Sections 4 through 6 provide weighted tabulations for men, women, and all 1987 freshmen who responded to the 1989 follow-up survey. The items in each section are abbreviated versions of the

¹ It should be noted that there is no within-institution bias in the registrar's data since each participating institution provided data on all students. Further, our analysis indicated that there were no measurable differences within stratification cells between institutions providing registrar's data and those failing to do so with respect to characteristics such as size, selectivity, expenditures, type of institution, and control (see Astin, 1982). Thus, registrar's data appear to be provided on an unbiased subsample of the original follow-up sample.

actual items which appeared on the 1989 follow-up questionnaire (see Appendix C). Each section includes not only 1989 follow-up data, but also appropriate freshman data. By contrasting freshman responses with those given two and four years later, it is possible to examine how students change during the undergraduate years.

Finally, the national retention figures were determined based upon the registrar's data that was provided by the CIRP institutional representatives. These tables provide weighted retention figures for 1985 freshmen. The retention figures are provided for four-year institutions by type, selectivity, and student academic achievement levels.

National Normative Data
for
1987 Freshmen

Two Years After College Entry

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Year Graduated from High school												
1987.....	96.8	98.4	99.4	94.3	97.4	96.4	98.3	98.6		85.4	84.2	94.5
1986.....	2.2	1.4	0.4	4.2	1.1	1.6	0.9	0.5		4.3	4.6	2.6
1985.....	0.3	0.0	0.2	0.7	0.1	0.1	0.5	0.0		0.9	1.1	0.0
1984 or earlier.....	0.6	0.2	0.0	0.8	1.1	1.9	0.3	0.3		3.1	3.4	1.0
H.S. equivalency (G.E.D. test)...	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2		6.1	6.8	0.3
never completed high school.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3		0.2	0.0	1.6
Age on December 31, 1989												
18 or younger.....	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2		0.0	0.0	0.0
19.....	2.7	2.1	5.5	2.5	2.9	3.3	3.6	2.0		1.0	0.9	1.6
20.....	75.6	79.4	79.0	72.0	74.8	76.5	68.2	75.9		72.7	71.6	81.3
21.....	20.1	17.9	14.9	23.7	19.7	16.3	26.9	21.0		14.3	14.2	14.6
22.....	0.7	0.4	0.7	0.8	1.0	1.3	0.9	0.4		2.9	3.2	0.8
23-26.....	0.5	0.1	0.0	0.2	1.4	2.3	0.3	0.5		0.6	0.6	0.9
27-31.....	0.1	0.1	0.0	0.2	0.0	0.1	0.0	0.0		1.3	1.3	0.8
32-41.....	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0		3.3	3.8	0.0
42-56.....	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0		0.3	0.4	0.0
57 or older.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		3.5	4.0	0.0
Racial Background (1)												
White/Caucasian.....	85.4	85.1	84.6	83.5	88.4	83.4	93.7	93.5		87.1	87.8	82.5
Black/Negro/Afro-American.....	9.4	7.1	3.3	13.4	8.9	13.4	4.0	4.4		5.4	5.3	5.7
American Indian.....	1.7	4.1	0.4	0.9	0.5	0.6	0.1	0.6		0.6	0.6	0.0
Asian-American/Oriental.....	2.7	4.2	5.7	1.5	1.8	2.1	1.4	1.6		0.7	0.7	0.3
Mexican-American/Chicano.....	1.1	1.6	3.0	0.8	0.4	0.4	0.4	0.3		2.1	1.0	9.9
Puerto Rican-American.....	0.7	1.1	2.1	0.5	0.2	0.4	0.1	0.0		3.9	4.3	1.0
other.....	1.5	1.4	2.9	1.1	1.5	1.8	1.5	1.0		1.2	1.3	0.7
Miles from Home to College												
5 or less.....	4.6	4.5	3.5	5.0	4.5	3.5	4.8	5.7		15.7	17.1	5.5
6-10.....	5.9	6.5	5.1	6.0	5.3	4.3	10.1	4.4		15.8	16.8	8.7
11-50.....	23.1	20.8	13.4	30.5	19.4	17.8	27.5	17.6		41.3	42.7	31.1
51-100.....	16.7	18.3	9.1	18.2	15.4	10.9	17.4	21.4		13.3	11.6	25.4
101-500.....	36.1	39.3	33.6	34.0	36.2	38.2	29.1	36.8		12.0	10.6	21.6
more than 500.....	13.6	10.6	35.4	6.4	19.2	25.3	11.1	14.1		2.0	1.2	7.7
Status of Parents in 1987												
married-living with each other..	75.1	78.3	79.6	71.3	75.3	75.2	73.0	76.6		64.7	64.2	68.9
divorced or separated.....	20.7	18.5	16.5	24.0	20.3	21.5	21.1	18.1		22.1	23.0	15.9
one or both deceased.....	4.2	3.3	3.9	4.8	4.4	3.3	5.9	5.3		13.1	12.8	15.2
Student's Marital Status in 1989												
not presently married.....	98.6	99.2	98.8	97.8	98.9	99.0	98.9	98.6		90.0	88.8	99.2
married, living with spouse.....	1.3	0.8	0.9	2.0	1.0	0.7	1.1	1.4		9.8	10.9	0.8
married, not living with spouse..	0.1	0.0	0.3	0.2	0.1	0.3	0.0	0.0		0.2	0.3	0.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot		All	Pub	Priv
Average High School Grade												
A or A+.....	14.3	18.3	30.8	8.3	12.6	12.8	8.9	14.3		3.9	3.7	4.9
A-.....	13.1	17.0	17.7	8.8	12.9	11.2	12.5	15.6		4.9	4.9	5.2
B+.....	21.2	22.7	29.4	18.8	20.2	19.7	23.9	19.1		19.2	19.2	19.4
B.....	21.3	18.6	16.4	23.4	22.9	23.7	20.2	23.1		23.6	25.1	12.6
B-.....	16.2	16.6	3.5	20.4	14.6	14.5	17.8	13.1		16.2	15.9	18.3
C+.....	9.0	4.1	1.7	13.8	10.6	10.5	10.9	10.6		14.4	15.0	10.7
C.....	4.7	2.6	0.7	6.2	6.2	7.6	5.9	4.2		17.7	16.2	28.1
D.....	0.2	0.0	0.0	0.4	0.0	0.0	0.0	0.0		0.1	0.0	0.9
Average Undergraduate Grade												
A.....	5.0	5.7	8.3	2.7	6.1	5.5	4.2	8.0		2.9	2.1	8.2
B+, A-.....	22.1	22.3	33.2	18.8	22.8	22.4	27.5	20.8		19.3	19.5	17.8
B.....	33.7	34.2	32.6	34.5	32.7	33.3	32.6	31.8		24.1	24.5	20.9
C+, B-.....	23.4	23.2	20.7	24.3	23.5	23.0	25.6	23.2		31.9	30.6	41.4
C.....	13.3	12.9	4.5	16.5	12.3	12.6	8.8	13.6		16.4	17.3	10.0
C- or less.....	2.5	1.8	0.7	3.3	2.7	3.2	1.3	2.6		5.4	6.0	1.6
Degree Aspirations in 1987												
none.....	1.7	1.4	0.8	2.1	2.0	1.6	1.5	2.9		1.6	1.8	0.0
vocational certificate.....	0.1	0.2	0.0	0.0	0.1	0.0	0.5	0.0		4.4	4.8	0.7
associate (A.A. or equivalent).....	0.4	0.2	0.2	0.6	0.3	0.2	0.2	0.6		11.8	11.9	10.5
bachelor's (B.A., B.S., etc.).....	29.3	27.4	15.5	38.1	25.5	21.9	34.0	26.6		46.6	48.0	34.5
master's (M.A., M.S., etc.).....	40.0	41.7	39.3	39.8	38.5	42.4	34.9	34.5		24.2	23.8	28.2
Ph.D. or Ed.D.....	14.0	14.1	20.3	10.6	16.1	18.2	15.1	13.4		2.3	1.7	7.6
M.D., D.O., D.D.S., D.V.M.....	8.1	10.6	11.7	4.6	8.3	8.8	4.8	9.4		6.5	6.9	2.2
LL.B. or J.D. (law).....	5.0	3.7	12.2	1.9	7.9	5.6	8.3	11.4		1.8	0.6	12.8
B.D. or M.Div. (divinity).....	0.1	0.0	0.0	0.2	0.2	0.2	0.0	0.3		0.0	0.0	0.0
other.....	1.2	0.7	0.1	2.2	1.0	1.2	0.7	1.0		0.9	0.6	3.5
Highest Degree Earned by 1989												
none.....	88.7	88.1	93.3	88.8	87.6	84.6	87.3	92.2		60.2	63.6	30.1
vocational certificate.....	1.3	0.7	1.1	1.6	1.5	0.9	2.3	2.0		7.6	7.6	7.0
associate (A.A. or equivalent).....	6.5	8.6	2.9	4.8	7.7	9.4	8.4	4.9		22.9	18.7	59.4
bachelor's (B.A., B.S., etc.).....	1.4	0.8	1.4	2.5	0.6	0.9	0.1	0.3		0.7	0.8	0.0
master's (M.A., M.S., etc.).....	0.2	0.0	0.0	0.1	0.4	0.8	0.0	0.0		0.8	0.9	0.0
Ph.D. or Ed.D.....	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0		0.0	0.0	0.0
M.D., D.O., D.D.S., D.V.M.....	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.2		0.0	0.0	0.0
J.D. or LL.B. (law).....	0.2	0.0	0.0	0.0	0.6	1.3	0.0	0.0		0.0	0.0	0.0
B.D. or M.Div. (divinity).....	0.2	0.0	0.2	0.4	0.2	0.2	0.6	0.0		0.0	0.0	0.0
other.....	1.5	1.7	1.2	1.7	1.1	1.7	1.2	0.3		7.8	8.3	3.5
Degree Aspirations in 1989												
none.....	1.8	1.8	0.3	1.8	2.4	1.5	1.7	4.1		4.5	4.5	4.5
vocational certificate.....	0.2	0.2	0.0	0.2	0.4	0.6	0.1	0.2		2.7	2.8	1.4
associate (A.A. or equivalent).....	1.0	1.3	0.2	1.0	1.0	1.4	0.6	0.6		18.7	20.1	6.1
bachelor's (B.A., B.S., etc.).....	28.8	29.0	23.0	30.6	28.1	27.9	23.7	30.6		35.4	36.2	28.0
master's (M.A., M.S., etc.).....	39.2	38.4	36.2	43.5	35.9	34.5	44.6	33.4		24.9	22.4	48.2
Ph.D. or Ed.D.....	13.4	11.9	18.0	12.8	14.4	16.2	14.0	11.8		4.6	4.3	6.9
M.D., D.O., D.D.S., D.V.M.....	5.2	5.9	6.5	2.0	7.8	7.9	2.9	10.2		5.6	6.2	0.4
J.D. or LL.B. (law).....	6.0	6.5	14.6	2.7	6.6	6.6	7.9	5.8		1.5	1.5	1.2
B.D. or M.Div. (divinity).....	0.5	0.4	0.0	0.5	0.8	0.5	0.4	1.4		0.0	0.0	0.0
other.....	3.9	4.7	1.1	4.7	2.8	2.9	4.0	1.9		2.2	2.0	3.3

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Freshman College was Student's											
first choice.....	66.5	71.1	69.6	60.6	68.1	68.2	64.2	70.0	67.8	66.0	81.0
second choice.....	24.2	20.3	23.0	28.1	24.0	23.0	28.0	23.5	26.6	28.5	12.5
third choice.....	6.6	6.2	4.6	9.0	4.9	5.6	5.0	3.6	3.7	3.5	4.9
less than third choice.....	2.6	2.4	2.7	2.3	3.0	3.2	2.7	2.9	1.9	1.9	1.6
College Experiences Noted Very Satisfactory or Satisfactory (2)											
science and mathematics courses..	61.0	57.2	59.6	59.7	67.7	67.9	67.7	67.4	57.6	58.4	50.3
humanities courses.....	72.6	69.7	80.8	69.6	77.0	77.8	76.7	76.0	56.4	54.3	72.4
social science courses.....	70.7	67.7	76.4	70.2	72.7	71.1	77.5	72.6	61.0	60.7	64.2
courses in major field.....	83.0	80.0	86.1	82.6	85.7	84.1	87.1	87.6	77.4	78.6	69.4
general education requirements..	62.1	57.2	66.4	61.6	66.8	64.4	69.9	68.8	53.7	52.6	62.2
relevance of coursework to life..	50.4	45.0	52.9	47.0	59.7	59.9	55.9	61.2	42.1	38.9	63.5
overall quality of instruction..	73.1	66.3	79.3	70.8	81.5	82.2	84.6	78.7	66.9	66.9	66.6
lab facilities and equipment....	67.5	72.5	68.4	66.3	63.3	59.1	68.3	67.0	73.5	74.1	68.6
library facilities.....	75.5	89.8	70.7	72.8	64.9	63.3	71.3	64.0	76.8	78.5	64.4
computer facilities.....	75.8	75.5	74.6	77.5	74.2	72.3	75.9	76.4	74.9	76.8	59.7
oppty for interdisciplin courses	53.1	50.7	61.0	49.9	56.3	54.8	49.3	62.3	39.1	40.1	30.8
oppty to talk to professors.....	75.7	64.5	74.7	74.6	89.2	86.4	91.0	92.6	72.4	71.5	79.2
oppty for extracurr activities..	78.1	75.9	77.3	78.8	79.9	77.1	79.2	84.5	66.4	67.5	57.6
campus social life.....	69.5	80.0	62.0	67.5	63.1	64.2	63.5	61.3	55.5	56.2	50.3
regulations on campus life.....	45.1	46.1	43.0	45.5	44.2	47.3	39.1	41.9	41.2	42.2	33.6
academic tutoring or assistance..	64.8	58.3	56.1	66.1	72.2	72.0	68.7	74.4	59.6	61.2	47.7
academic advising.....	52.4	43.8	45.9	51.5	64.5	59.0	73.8	68.0	56.0	56.4	53.2
career counseling and advising..	48.8	40.5	44.5	50.0	57.3	51.6	62.8	63.1	46.3	46.7	43.3
personal counseling.....	46.5	40.7	46.9	45.3	53.0	45.1	61.4	61.5	51.8	50.5	62.7
student housing.....	54.2	53.4	57.8	52.6	55.8	51.7	59.3	60.6	46.6	43.8	60.7
financial aid services.....	41.9	30.1	39.2	43.2	51.8	46.9	58.0	56.1	52.7	52.3	56.2
contact with faculty and admin..	57.2	38.2	64.6	56.5	75.5	70.6	78.7	81.3	58.4	56.8	70.0
relations with faculty & admin..	60.0	47.1	60.8	58.5	74.3	69.3	78.8	79.8	62.9	62.2	68.0
oppty to attend films,concerts..	75.9	82.4	78.4	75.6	68.9	70.8	63.8	68.7	59.3	60.7	48.1
job placement services.....	54.4	52.6	46.5	59.4	52.7	48.1	62.5	55.0	50.8	49.9	56.0
campus health services.....	56.4	60.9	50.8	59.7	49.6	48.1	54.3	49.6	56.8	56.2	60.7
overall college experience.....	78.3	79.8	81.1	77.3	77.2	76.7	81.4	75.7	71.3	72.1	65.4
Enroll at Freshman College Again											
definitely yes.....	37.5	43.0	41.4	32.5	36.4	37.0	30.3	38.8	31.4	30.9	34.5
probably yes.....	31.3	30.7	32.3	32.0	30.7	30.2	35.5	29.1	33.9	35.3	23.4
don't know.....	5.0	4.1	4.1	6.6	4.2	4.3	4.9	3.6	2.9	3.2	0.6
probably not.....	15.5	13.5	14.0	18.0	15.1	15.3	19.5	12.4	19.5	20.5	12.1
definitely not.....	10.8	8.8	8.2	11.0	13.5	13.2	9.7	16.1	12.4	10.1	29.4

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Student Took Time Off, Withdrew or Transferred											
no.....	70.8	77.7	82.3	63.7	68.6	69.5	73.2	64.6	60.7	62.6	46.8
transferred.....	17.7	15.2	11.1	18.2	21.8	21.2	19.7	23.8	15.1	12.4	34.0
withdrew.....	6.9	3.8	1.8	11.9	5.4	5.0	3.2	7.3	16.7	16.6	17.2
leave of absence.....	4.7	3.4	4.8	6.1	4.2	4.3	3.9	4.4	7.6	8.3	2.1
Reasons Noted as Very Important for Taking Time Off (3)											
reconsider goals & interests....	47.8	44.6	41.7	52.3	45.0	51.2	41.0	38.1	28.7	29.8	23.0
changed career plans.....	24.3	23.5	24.1	20.9	29.7	33.7	22.1	27.3	27.5	30.1	13.3
wanted practical experience....	14.8	10.4	6.3	18.3	14.8	14.7	21.7	12.2	17.4	17.9	14.8
didn't "fit in".....	27.8	26.0	21.2	32.6	23.5	20.4	17.5	30.3	20.3	22.3	9.2
was bored with course work.....	15.0	13.7	14.7	12.4	19.8	22.1	9.6	20.7	10.5	10.1	12.9
wanted better acad. reputation..	24.6	18.3	10.9	27.0	28.3	21.9	35.0	34.7	27.5	24.9	42.0
wanted better social life.....	22.7	8.6	15.6	28.9	25.7	20.2	19.7	35.8	6.3	5.6	9.9
wanted to be closer to home....	18.2	16.7	13.5	19.2	18.6	19.5	8.5	21.4	24.5	23.4	30.8
had good job offer.....	4.8	4.6	0.9	4.2	6.4	5.2	8.8	7.1	6.3	7.0	2.0
wasn't doing well academically..	25.8	36.9	22.0	27.0	15.9	14.0	15.7	18.7	30.8	33.7	14.8
family responsibilities.....	11.1	9.1	7.0	13.2	10.4	16.4	8.0	3.1	18.8	18.6	19.7
tired of being student.....	9.6	11.3	2.4	11.2	7.3	6.5	2.8	10.2	13.8	15.9	2.5
couldn't afford college.....	22.8	21.5	21.5	24.1	22.2	18.8	22.3	26.7	21.8	20.5	28.8
wanted wider course selection...	26.6	15.6	19.8	27.5	34.8	35.1	40.5	32.1	12.6	10.5	24.5
ENROLLMENT STATUS											
First Year											
attended first college full-time	98.5	99.2	98.9	97.6	98.8	98.9	99.3	98.6	96.9	96.5	99.3
attended first college part-time	0.5	0.6	0.7	0.8	0.1	0.0	0.1	0.2	0.7	0.8	0.0
attended diff college full-time.	0.6	0.0	0.4	1.3	0.3	0.4	0.5	0.1	1.3	1.5	0.0
attended diff college part-time.	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.5	0.5	0.6	0.0
not enrolled.....	0.3	0.2	0.0	0.2	0.6	0.7	0.0	0.6	0.7	0.7	0.7
Second Year											
attended first college full-time	77.4	80.7	88.6	71.3	77.7	77.9	80.4	76.1	69.4	71.3	55.4
attended first college part-time	4.6	5.2	1.1	6.3	2.7	2.7	6.4	0.5	13.7	15.2	2.9
attended diff college full-time.	12.2	9.5	7.3	13.0	15.6	14.4	10.0	20.5	9.1	5.4	37.0
attended diff college part-time.	2.2	1.9	1.3	1.8	3.2	4.2	1.9	2.3	1.0	1.1	0.0
not enrolled.....	3.7	2.6	1.8	7.5	0.8	0.9	1.3	0.5	6.8	7.1	4.7

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Have Met or Exceeded Recommended Years of High School Study (4)											
English (4 years).....	97.9	98.2	98.9	97.9	97.1	96.0	96.5	96.0	93.0	92.4	97.1
mathematics (3 years).....	94.4	97.5	99.2	93.0	91.4	90.6	90.5	93.1	81.7	81.9	79.7
foreign language (2 years).....	82.9	87.4	95.7	78.8	79.2	81.6	82.4	73.6	63.6	64.6	56.2
physical science (2 years).....	53.4	62.0	62.1	46.4	50.2	51.5	55.5	45.4	43.6	46.1	25.5
biological science (2 years)....	34.6	34.2	32.3	34.0	36.6	36.3	32.4	39.5	36.0	36.0	36.1
history or Am gov (1 year).....	99.3	98.5	100.0	99.6	99.7	99.7	99.1	100.0	99.9	99.9	99.6
computer science (1/2 year).....	59.1	58.6	62.8	59.5	57.9	54.6	63.2	60.0	56.1	57.3	47.2
art or music (1 year).....	67.2	66.6	65.0	68.6	66.7	69.6	69.3	60.9	64.5	65.0	60.8
Number of Undergraduate Courses Taken Which Emphasize:											
Writing Skills											
none.....	2.1	1.8	2.5	2.5	1.8	2.0	0.8	2.0	4.2	4.2	4.1
1 - 2.....	53.0	51.6	48.3	61.5	45.4	42.3	46.6	49.5	61.5	62.2	56.4
3 - 5.....	34.0	35.0	34.4	30.1	37.8	40.5	41.3	31.8	31.4	30.7	36.5
6 - 8.....	7.1	9.1	9.9	3.5	8.7	8.8	6.7	9.6	1.7	1.7	1.6
9 or more.....	3.7	2.5	4.8	2.3	6.3	6.4	4.6	7.0	1.2	1.2	1.4
Math/Understanding Numbers											
none.....	6.7	4.0	9.6	3.7	12.5	17.4	6.4	8.3	5.5	4.9	10.0
1 - 2.....	47.6	35.5	39.4	56.7	51.8	46.2	56.0	58.4	48.1	46.3	60.9
3 - 5.....	34.3	43.6	36.2	31.3	27.6	28.1	28.5	26.4	36.6	38.7	21.8
6 - 8.....	7.6	11.1	8.5	5.7	6.1	6.1	7.9	5.1	7.0	7.2	4.9
9 or more.....	3.7	5.8	6.3	2.7	1.9	2.2	1.2	1.9	2.8	2.9	2.3
Science/Scientific Inquiry											
none.....	9.3	2.8	12.1	12.3	11.8	14.1	14.7	6.6	15.5	14.1	26.0
1 - 2.....	46.6	40.9	47.1	45.4	54.2	53.9	57.5	53.0	45.8	46.2	42.5
3 - 5.....	28.1	33.1	20.4	30.8	21.5	19.6	15.0	28.1	22.9	22.5	25.6
6 - 8.....	9.2	12.7	10.6	6.7	8.1	7.5	8.3	8.9	10.5	11.6	3.1
9 or more.....	6.8	10.6	9.7	4.7	4.4	5.0	4.5	3.3	5.3	5.7	2.7
History/Historical Analysis											
none.....	13.8	21.0	11.0	9.4	12.5	12.2	7.4	15.7	32.8	32.1	37.8
1 - 2.....	55.2	51.5	50.5	62.0	52.3	50.2	59.5	51.7	51.0	51.6	46.7
3 - 5.....	26.4	23.7	29.3	26.0	28.8	30.7	27.5	26.6	14.4	14.5	13.6
6 - 8.....	3.4	2.8	7.8	2.0	4.3	5.3	4.1	2.8	1.5	1.4	2.0
9 or more.....	1.2	1.0	1.4	0.6	2.1	1.6	1.6	3.2	0.3	0.4	0.0
Foreign Language Skills											
none.....	57.1	57.6	39.9	65.3	51.8	55.3	54.7	44.9	83.8	83.2	87.5
1 - 2.....	27.5	23.0	31.6	27.0	31.8	27.5	27.6	40.8	13.0	13.6	8.9
3 - 5.....	13.2	17.4	23.7	6.1	14.2	15.1	16.2	11.8	3.0	2.9	3.6
6 - 8.....	1.6	1.7	4.0	1.0	1.5	1.7	1.0	1.6	0.1	0.1	0.0
9 or more.....	0.5	0.4	0.8	0.6	0.6	0.3	0.4	1.0	0.2	0.2	0.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges										Two-year Colleges		
	All 4-yr	Universities											
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv		
Events Considered Very Likely to Occur (in 1987)													
be elected to student office....	3.8	3.8	3.8	3.7	4.0	3.7	3.1	5.0	5.9	6.6	1.5		
be satisfied with college.....	53.7	52.5	68.1	47.6	57.8	58.1	55.3	58.5	44.1	43.7	46.4		
change career choice.....	14.5	13.4	16.3	13.4	16.4	15.4	18.0	17.3	8.7	8.9	7.2		
change major field.....	16.0	14.7	16.9	16.0	17.1	17.5	18.7	15.6	10.4	10.8	7.0		
drop out permanently.....	0.2	0.2	0.0	0.2	0.2	0.2	0.0	0.3	0.7	0.8	0.0		
drop out temporarily.....	0.9	1.2	1.1	0.3	1.1	0.7	1.7	1.4	0.2	0.1	0.3		
get job to pay expenses.....	36.5	33.1	39.5	34.9	40.8	36.3	44.0	46.1	44.3	46.9	26.6		
get married while in college....	3.7	4.5	2.0	3.8	3.5	3.4	2.8	3.8	1.6	1.6	1.4		
graduate with honors.....	12.7	14.1	16.8	9.6	13.6	13.6	17.3	11.6	7.2	5.8	16.5		
join social frat or sorority....	22.1	23.3	27.5	19.9	21.9	20.6	19.4	25.3	11.9	9.6	27.9		
make at least "B" average.....	41.8	42.3	55.1	37.2	42.7	41.3	43.1	44.6	30.6	29.7	37.2		
participate in student protests.	5.8	5.6	9.1	3.5	7.6	8.7	6.1	6.6	2.1	1.9	3.7		
play varsity athletics.....	16.7	9.0	18.3	15.6	25.0	23.5	20.5	29.7	11.9	11.5	14.5		
transfer to another college.....	9.7	4.8	4.6	14.1	11.2	6.5	16.7	15.7	17.5	17.9	14.8		
work at outside job.....	16.5	13.9	13.7	19.1	16.8	15.8	20.4	16.4	26.8	28.9	11.4		
work full-time while attending..	1.6	1.1	2.2	1.8	1.5	1.7	1.7	1.1	1.7	1.7	1.9		
Events Occurring by 1989													
elected to student office.....	13.5	10.3	16.9	11.0	18.9	19.8	17.7	18.1	8.4	7.0	19.0		
satisfied with freshman coll (5)	78.0	79.5	81.0	77.0	76.6	76.5	80.5	74.8	68.1	68.7	63.4		
changed career choice (5).....	49.7	47.3	48.7	48.8	53.5	53.0	45.2	58.5	45.8	46.8	37.3		
changed major field (5).....	48.5	49.5	51.3	43.9	52.1	53.4	44.7	53.9	37.7	35.5	54.7		
dropped out permanently (5)....	6.7	3.7	1.8	11.7	5.3	5.0	3.1	7.1	15.7	15.6	16.6		
dropped out temporarily (5)....	4.6	3.3	4.8	6.0	4.2	4.2	3.8	4.3	7.1	7.9	2.0		
got part-time job on campus....	42.8	38.2	46.0	38.0	52.6	45.0	55.4	62.7	27.9	27.6	30.8		
got married.....	1.3	0.8	1.1	2.1	0.9	0.8	1.3	1.0	6.0	5.4	10.2		
graduated with honors.....	1.1	0.1	1.3	1.3	1.8	2.7	1.4	0.6	7.6	5.9	19.5		
joined social frat or sorority..	23.9	26.5	29.6	19.5	24.7	24.0	11.4	32.6	4.8	3.8	12.7		
made at least "B" average (5)...	60.8	62.2	74.1	55.9	61.5	61.2	64.3	60.6	46.2	46.1	46.9		
participated in student protests	17.9	14.9	24.7	14.8	22.6	28.5	21.0	14.5	12.8	13.8	5.2		
played intercollegiate athletics	28.9	18.6	29.0	31.6	36.8	36.6	35.4	37.7	17.9	17.8	18.3		
transferred before grad (5)....	17.4	14.9	11.0	17.9	21.3	20.9	19.2	23.3	14.2	11.7	32.9		
worked part-time job off-campus.	49.1	52.9	41.4	49.9	46.4	47.5	48.2	43.7	64.5	65.9	54.2		
worked full-time while student..	8.9	10.9	5.0	10.0	6.7	8.7	5.1	4.5	11.2	12.1	3.9		
Other College Activities													
assisted faculty teaching class.	7.4	5.4	4.8	7.5	10.5	10.2	11.0	10.7	8.4	8.7	5.5		
attended racial awareness wkshop	23.1	18.5	30.1	23.5	25.6	29.3	17.3	24.2	11.9	12.5	7.5		
enrolled in ethnic stud course..	23.2	20.3	23.9	24.6	24.5	26.1	18.2	25.2	5.8	6.1	4.0		
enrolled in honors program.....	27.5	25.2	39.9	22.4	32.3	35.1	27.3	30.6	21.0	18.5	39.7		
enrolled in interdisc course....	30.7	28.0	49.6	23.5	36.7	33.4	31.8	44.2	13.6	14.0	9.8		
enrolled in women's stud course.	11.7	11.8	9.5	13.1	10.5	11.8	10.6	8.4	1.6	1.4	2.8		
in college internship program...	8.7	9.9	9.6	5.7	10.8	12.2	7.2	10.5	14.1	13.2	21.0		
in study abroad program.....	5.4	2.7	9.5	3.3	9.6	10.6	7.1	9.5	1.7	1.8	0.9		
played intercoll foot/basketball	6.9	3.4	4.5	8.6	9.4	6.7	10.0	13.1	2.5	2.6	1.7		
purchased a personal computer...	14.4	16.1	18.2	11.5	15.1	18.4	11.3	11.8	17.3	18.7	7.1		
taken reading study/skills class	24.2	17.6	13.5	28.9	28.7	29.9	28.7	26.9	23.5	23.6	22.9		
taken remedial/develop course...	11.6	8.6	3.7	15.3	12.8	11.3	18.3	12.3	23.8	25.0	14.8		
voted in 1988 election.....	65.2	71.6	70.9	59.6	63.5	62.2	66.4	64.0	57.1	56.9	58.4		
worked on prof's research proj..	13.9	13.9	12.3	14.7	13.2	12.2	13.4	14.8	10.2	10.8	6.0		

1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot			
Activities in the Last Year											
Reported in 1987											
attended recital or concert.....	83.4	85.3	88.1	80.7	83.3	82.6	80.6	85.9	73.6	74.0	70.4
didn't complete homework on time	70.3	69.4	66.6	71.2	71.1	72.3	65.2	72.5	70.7	71.0	69.1
drank beer.....	63.5	69.2	67.1	60.5	60.2	56.8	72.2	59.2	63.6	64.4	57.9
drank wine or liquor.....	66.0	69.1	69.9	65.1	62.6	61.7	72.0	59.0	68.7	68.1	73.4
felt depressed (6).....	9.2	8.2	9.1	10.4	8.9	8.7	7.3	10.0	6.5	6.6	6.1
felt overwhelmed (6).....	19.6	16.9	19.9	20.6	20.9	20.8	21.7	20.5	13.3	13.8	9.5
missed school due to illness (6)	4.9	2.9	5.8	4.9	6.5	7.6	8.1	4.1	8.7	9.6	2.7
smoked cigarettes (6).....	8.0	5.4	4.0	12.5	6.4	7.0	8.8	4.1	18.0	19.7	5.7
stayed up all night.....	77.8	78.2	72.2	79.0	77.7	78.9	75.2	77.1	71.7	70.7	78.7
tutored another student.....	51.2	60.2	64.3	42.5	48.4	48.0	47.6	49.5	39.2	39.6	36.8
Activities in the Past Year											
Reported in 1989											
attended recital or concert.....	73.7	68.4	81.8	72.9	77.8	78.9	75.0	77.4	60.4	60.3	60.6
didn't complete homework on time	55.8	54.0	56.8	55.1	58.5	57.7	55.9	61.0	55.8	54.6	65.2
discuss course content w/std (6)	49.5	46.1	56.5	46.4	55.1	59.0	54.6	49.1	46.6	46.4	47.8
discuss political/soc issues (6)	30.7	30.5	44.8	25.1	33.6	37.9	29.5	29.0	11.9	10.6	22.3
discuss racial/ethnic issues (6)	13.1	13.8	18.0	10.8	13.9	18.6	8.2	9.6	5.6	3.3	23.9
drank beer.....	72.0	76.4	73.5	74.0	64.4	60.6	78.4	63.2	62.2	62.2	62.3
drank wine or liquor.....	74.0	74.9	76.3	77.2	68.2	63.9	76.1	70.8	67.7	67.2	71.8
felt depressed (6).....	16.0	12.1	16.3	17.2	18.5	18.6	17.7	18.7	14.3	14.5	12.2
felt like leaving college.....	43.8	38.6	39.7	48.2	45.1	44.0	46.5	46.1	52.3	52.1	54.7
felt overwhelmed (6).....	35.9	34.2	36.3	37.3	36.0	34.3	36.4	38.3	28.9	29.2	26.7
gave a presentation in class (6)	9.5	4.8	6.3	11.2	13.6	16.9	13.4	8.4	7.7	6.3	19.8
missed class due to illness (6)	3.5	1.9	1.6	5.2	3.6	3.6	5.1	2.9	1.3	1.3	1.1
paper critiqued by instructor(6)	32.9	28.9	39.8	26.9	42.8	46.3	43.3	37.0	18.8	17.9	25.9
participated in intramural sport	49.3	47.8	52.3	48.1	51.3	48.6	54.2	54.0	35.9	36.3	32.8
read the student newspaper (6)..	63.3	72.1	69.6	62.8	52.8	53.9	62.7	45.9	28.8	28.5	30.6
received personal counseling....	13.2	11.1	15.6	12.2	16.1	15.9	16.6	15.9	9.3	8.5	15.8
received tutoring in courses....	34.1	32.0	30.7	37.1	33.8	35.4	33.7	31.4	31.5	32.1	26.1
received vocational counseling..	44.7	44.0	38.7	45.0	46.9	45.1	58.0	44.1	44.2	43.7	48.3
smoked cigarettes (6).....	9.8	10.1	7.4	10.9	8.9	7.7	11.2	9.5	19.1	20.2	10.5
social with diff ethnic grp (6).	43.2	44.3	57.5	38.5	43.5	45.6	43.6	40.2	30.2	27.6	51.5
stayed up all night.....	68.8	69.4	70.1	66.4	70.6	73.2	71.9	65.8	62.9	63.6	57.8
took a multiple-choice exam (6).	63.9	71.9	43.4	70.4	53.4	48.9	62.1	56.0	59.2	58.3	66.8
took an essay exam (6).....	41.8	31.0	53.3	38.0	54.4	57.6	56.2	48.4	37.1	35.6	49.6
took pt in campus demonstration.	17.2	13.4	21.3	16.8	20.5	25.5	19.9	13.0	10.3	11.0	4.7
tutored another student.....	48.2	51.8	50.9	45.2	47.5	42.8	53.1	51.9	46.6	47.1	42.4
was guest in professor's home...	16.8	9.3	22.0	10.6	31.0	33.3	20.9	32.8	10.6	9.0	24.0
worked on grp proj for class (6)	12.9	8.3	13.9	13.0	17.3	19.8	20.8	11.5	14.0	14.3	12.2
worked on ind research project..	42.1	35.3	38.2	45.6	46.0	47.6	53.0	39.7	42.5	41.8	48.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Student Rated Self Above Average or Highest 10% in 1987											
academic ability.....	66.1	76.2	87.4	56.2	61.0	62.6	51.7	63.5	39.9	39.9	40.1
artistic ability.....	27.2	27.3	31.5	24.8	29.0	32.5	24.0	26.3	17.9	18.6	12.5
drive to achieve.....	66.2	71.9	78.6	59.7	64.5	65.7	64.0	62.9	54.4	52.5	67.5
emotional health.....	59.3	64.0	67.5	53.8	58.5	61.1	54.1	57.0	52.6	49.8	73.0
leadership ability.....	56.8	59.2	66.7	53.0	56.0	57.0	50.6	57.4	44.8	44.1	50.2
mathematical ability.....	45.4	58.8	62.8	34.3	39.6	37.9	41.2	41.4	30.3	31.1	24.6
physical health.....	62.8	67.9	64.1	59.4	61.1	61.7	62.5	59.6	57.6	56.5	64.9
popularity.....	48.7	55.2	50.7	44.8	46.0	45.1	44.9	48.1	37.0	35.9	44.6
self-confidence (intellectual)...	57.3	64.7	70.0	52.1	52.0	52.2	51.4	52.0	36.5	35.5	43.3
self-confidence (social).....	48.8	49.4	50.7	49.8	46.2	47.3	44.4	45.4	37.1	35.9	45.8
writing ability.....	44.8	43.8	59.6	41.6	45.2	47.8	42.2	42.9	38.8	38.4	41.7
in 1989											
academic ability.....	68.6	76.6	85.0	59.1	66.8	67.0	68.0	66.0	55.4	56.9	43.7
artistic ability.....	28.5	27.7	35.7	25.0	31.5	34.1	27.6	29.3	22.2	23.0	16.1
drive to achieve.....	65.6	71.6	75.6	58.4	65.1	64.4	69.2	64.0	55.3	55.8	51.4
emotional health.....	55.8	58.1	59.5	53.0	55.8	55.5	56.2	56.0	43.8	41.6	61.0
leadership ability.....	55.8	54.6	63.1	55.1	55.9	55.8	54.2	57.0	53.0	52.5	57.3
mathematical ability.....	41.3	48.2	52.7	36.1	36.9	36.6	36.9	37.4	35.5	36.0	31.6
physical health.....	58.0	61.3	61.3	54.9	57.3	59.6	59.3	52.5	53.0	51.3	66.6
popularity.....	45.9	43.5	47.0	46.0	48.1	49.5	51.2	44.3	39.4	37.8	51.5
self-confidence (intellectual)...	63.2	66.4	70.4	60.5	60.8	66.6	58.3	53.2	50.3	50.8	46.1
self-confidence (social).....	52.0	51.1	52.7	52.5	52.3	54.4	51.8	49.4	45.3	43.4	60.0
writing ability.....	49.6	47.1	60.0	48.3	50.8	54.5	46.7	47.3	43.2	42.8	46.1
listening ability.....	68.5	67.4	72.6	67.3	69.8	69.9	66.0	71.9	58.5	57.2	68.7
Students Reporting Much Stronger Abilities and Skills in 1989											
general knowledge.....	31.2	29.4	33.1	29.5	34.6	38.1	32.5	30.3	28.9	25.9	51.1
problem-solving skills.....	15.9	16.0	18.2	13.9	17.5	17.7	18.8	16.6	18.2	17.8	21.0
knowledge of particular field...	40.1	34.4	46.3	40.1	44.2	45.9	44.4	41.3	33.2	32.1	40.8
critical thinking ability.....	24.3	22.4	25.0	26.0	24.1	25.6	26.3	20.6	20.6	19.2	30.4
writing skills.....	16.5	14.5	19.2	13.8	21.0	22.6	20.2	19.0	17.4	16.7	22.5
foreign language ability.....	9.7	13.0	12.5	6.3	9.6	9.5	7.7	10.7	1.8	1.7	2.5
job-related skills.....	12.4	9.9	13.0	12.5	15.0	15.7	17.6	12.4	22.2	20.2	37.0
religious beliefs & convictions...	9.5	6.0	8.6	8.1	15.2	16.1	14.3	14.2	3.8	3.1	8.6
interest in grad/prof school...	29.3	28.0	27.4	29.2	31.4	31.1	36.1	29.4	28.0	24.9	50.9
preparation for grad/prof school	14.9	12.6	18.9	13.1	18.4	20.0	21.6	14.1	14.5	13.8	19.8
leadership abilities.....	16.5	12.6	16.2	19.2	17.3	17.5	16.9	17.3	16.3	16.2	16.5
ability to work independently...	28.1	27.2	26.0	27.6	30.6	32.7	28.7	28.3	24.7	23.6	32.7
interpersonal skills.....	24.8	23.5	24.2	24.1	27.2	26.8	26.8	28.2	15.6	15.2	18.4
cultural awareness.....	25.0	22.6	27.6	23.7	28.5	30.9	26.6	25.6	12.2	11.8	14.9
acceptance of dif races/cultures	22.4	20.0	19.6	22.8	25.3	26.5	19.5	26.5	18.9	17.1	32.2
competitiveness.....	16.3	15.3	14.7	17.8	15.8	16.3	21.8	12.0	10.8	8.8	25.4
confidence in academic abilities	16.8	12.3	12.7	19.3	19.7	22.9	16.2	16.4	19.1	17.4	31.1
public speaking ability.....	13.2	10.7	9.5	13.2	17.1	17.1	18.2	16.5	16.8	17.2	13.8
ability to work cooperatively...	14.5	10.3	11.6	16.5	17.5	18.5	16.3	16.4	17.1	15.9	25.9

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
LIVING ARRANGEMENTS											
Preferred for Fall 1987											
with parents or relatives.....	10.3	6.3	4.9	14.7	11.8	13.2	12.5	9.1	29.7	29.5	31.0
other private home,apt,room.....	24.7	30.4	15.6	24.9	21.0	22.1	18.9	20.4	32.3	34.1	20.5
college dormitory.....	47.3	41.8	67.6	43.4	51.3	47.9	51.4	56.7	25.3	24.5	30.6
fraternity or sorority house....	9.1	10.6	5.5	10.0	7.5	6.8	8.2	8.3	4.9	4.5	7.5
other campus student housing....	7.2	9.6	5.9	6.2	5.9	6.2	7.3	4.7	2.6	2.2	5.2
other.....	1.4	1.4	0.5	0.8	2.5	3.9	1.6	0.8	5.2	5.1	5.2
Planned for Fall 1987											
with parents or relatives.....	17.7	18.1	9.2	23.8	12.7	12.4	17.8	10.3	51.7	54.4	31.4
other private home,apt,room.....	2.5	4.3	1.4	2.6	0.8	1.0	0.9	0.3	18.4	20.4	4.1
college dormitory.....	77.6	74.6	87.2	72.4	84.5	83.4	80.3	88.4	24.4	19.2	62.5
fraternity or sorority house....	0.7	1.1	0.4	0.4	0.8	1.1	0.0	0.8	0.0	0.0	0.0
other campus student housing....	1.2	1.9	1.9	0.4	1.1	1.8	1.0	0.1	5.3	5.7	2.0
other.....	0.2	0.1	0.0	0.4	0.2	0.3	0.0	0.0	0.2	0.3	0.0
First Year											
with parents or relatives.....	17.1	17.9	7.9	22.6	12.4	11.9	17.8	10.4	52.7	55.3	34.0
other private home,apt,room.....	3.1	4.6	1.3	4.3	0.8	1.1	0.6	0.3	17.2	19.5	1.3
college dormitory.....	77.6	74.5	88.3	72.0	84.5	83.3	80.5	88.6	27.6	22.8	62.2
frat or sorority house.....	1.1	1.5	0.9	0.5	1.3	2.1	0.0	0.5	0.0	0.0	0.0
other campus student housing....	1.1	1.4	1.7	0.6	1.0	1.6	1.2	0.1	1.3	1.2	2.5
other.....	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	0.0
Second Year											
with parents or relatives.....	19.7	21.7	9.5	21.0	19.2	21.1	18.8	16.6	50.0	51.8	39.1
other private home,apt,room.....	18.0	25.2	16.6	17.9	10.6	13.8	10.9	5.4	20.6	20.4	21.8
college dormitory.....	53.4	45.5	62.2	53.5	59.2	53.8	60.9	66.4	26.8	25.3	35.7
frat or sorority house.....	4.2	5.7	4.5	2.2	4.9	6.3	0.0	5.4	0.0	0.0	0.0
other campus student housing....	4.1	1.6	6.6	4.3	5.7	4.8	8.2	5.8	1.7	1.5	3.3
other.....	0.6	0.4	0.5	1.1	0.5	0.2	1.1	0.5	0.9	1.1	0.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
College Attributes Noted as Very Descriptive												
easy to see fac outside off hrs.	31.0	17.4	33.9	25.6	51.6	47.3	48.8	60.1		33.8	32.2	45.0
great conformity among students.	23.3	16.4	33.3	20.4	31.4	29.1	37.9	31.5		16.9	14.8	32.3
most students very bright.....	27.1	25.8	52.6	15.0	35.7	38.8	27.3	35.5		9.6	8.2	20.2
admin open about policies.....	19.8	16.6	14.4	18.1	27.1	25.9	21.3	32.2		18.5	16.8	30.1
keen competition for grades.....	26.4	30.3	41.4	20.7	24.9	25.2	28.2	22.8		22.6	23.3	17.6
courses more theoret than prac..	16.8	17.5	21.2	14.5	17.5	18.7	13.6	17.9		21.6	23.1	11.2
fac rewarded for advising skills	7.8	6.0	5.8	6.3	12.3	12.9	15.9	9.6		8.3	8.6	6.5
little std contact out of class.	6.8	11.8	1.8	6.3	3.6	4.5	4.1	2.0		8.1	8.1	8.0
faculty at odds with admin.....	4.4	4.6	3.3	4.8	4.1	4.7	2.8	3.8		8.5	9.4	2.2
intercoll sports overemphasized.	13.2	20.4	10.0	12.0	8.1	7.1	9.9	8.5		7.6	7.6	7.2
classes usually informal.....	29.5	26.8	18.5	32.8	31.7	33.3	26.2	32.1		30.2	31.3	22.1
faculty respect each other.....	44.3	34.9	51.0	38.3	59.7	59.2	59.2	60.9		43.4	42.4	51.0
most stdnts treated like numbers	16.9	37.3	8.5	11.8	3.9	4.0	2.7	4.4		16.7	18.2	5.5
social activities overemphasized	9.0	11.1	8.9	9.5	6.4	7.0	3.4	7.0		5.4	5.9	2.3
little contact between students.	5.3	9.9	3.1	4.6	1.9	2.6	2.5	0.6		11.4	12.8	1.6
student body apathetic.....	16.8	11.2	22.3	20.8	16.0	16.7	17.2	14.2		12.7	12.5	13.8
stdnts don't socialize regularly	2.7	2.6	1.4	3.6	1.9	1.7	2.5	1.9		4.7	5.0	2.4
fac rewarded for good teaching..	14.7	15.0	12.7	10.8	19.7	20.4	21.1	17.9		13.5	13.5	13.4
Plans for Fall 1989												
attend college full-time.....	87.0	92.3	95.3	79.3	88.5	89.0	93.0	85.4		63.9	63.7	65.5
attend college part-time.....	5.1	3.2	1.4	7.9	4.9	4.0	2.9	7.3		8.7	9.4	3.5
attend graduate school.....	0.4	0.8	0.7	0.3	0.1	0.1	0.1	0.2		3.9	4.2	2.0
attend vocational program.....	1.0	0.7	0.1	1.8	0.5	0.6	0.2	0.6		5.9	6.7	0.0
work full-time.....	10.7	7.0	3.7	17.2	8.5	9.6	6.4	8.0		29.7	29.9	28.1
work part-time.....	49.9	56.1	50.8	44.2	50.1	46.5	54.1	53.6		29.0	26.9	44.5
serve in Armed Forces.....	1.4	0.3	0.3	3.0	1.1	1.5	0.5	0.8		1.5	1.7	0.0
travel.....	5.1	5.1	7.4	4.0	5.9	5.2	4.2	7.9		4.5	2.6	17.9
do volunteer work.....	14.0	17.2	17.9	9.8	14.6	13.9	19.1	13.1		8.1	8.7	3.2
stay at home.....	4.1	3.2	2.0	6.4	3.0	2.7	3.9	2.8		13.8	14.9	5.7
Permission to Use I.D. in 1987												
yes.....	79.4	77.6	78.0	80.5	80.8	79.4	80.0	83.3		77.0	76.6	80.3
no.....	20.6	22.4	22.0	19.5	19.2	20.6	20.0	16.7		23.0	23.4	19.7
Permission to Use I.D. in 1989												
yes.....	69.9	68.3	71.8	70.5	70.2	70.0	67.6	71.9		57.9	57.5	60.9
no.....	30.1	31.7	28.2	29.5	29.8	30.0	32.4	28.1		42.1	42.5	39.1

1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Personal Objectives Noted as Very Important or Essential in 1987											
achieve in a performing art.....	15.0	11.6	18.6	16.3	15.8	18.4	14.3	12.6	8.6	7.1	19.3
be expert on finance/commerce...	29.9	31.4	31.9	31.2	26.2	22.6	28.7	30.4	31.0	31.6	27.2
be involved in environ cleanup...	18.3	19.5	16.6	15.8	20.4	20.2	21.9	19.8	21.5	22.6	14.3
be successful in own business....	51.3	53.7	47.4	50.9	50.7	53.0	49.2	47.8	53.3	52.9	56.2
be very well off financially....	74.6	75.7	71.2	76.9	71.6	70.8	73.1	72.2	77.7	78.8	70.3
become authority in my field....	79.9	82.6	83.7	79.5	76.6	77.4	79.8	73.8	72.0	70.6	82.0
create artistic work.....	12.4	10.8	12.3	11.3	15.3	17.6	16.8	10.8	15.9	15.6	18.1
develop philosophy of life.....	42.3	39.8	47.4	40.9	45.0	48.1	37.1	44.5	39.7	38.3	49.8
have admin responsibility.....	44.8	49.2	44.9	43.8	41.3	41.1	52.6	35.7	40.9	41.9	34.1
help others in difficulty.....	60.3	61.5	62.4	57.0	62.3	61.0	55.1	68.3	55.6	53.0	73.7
influence political structure...	19.8	22.1	25.5	17.0	19.2	20.9	21.2	15.4	16.3	13.9	33.3
influence social values.....	40.5	40.2	42.3	40.2	40.5	41.3	39.6	39.7	36.2	33.0	58.7
obtain recog from colleagues....	61.1	65.3	61.5	58.8	59.5	58.5	65.7	57.7	55.6	54.7	61.6
participate in community action.	20.7	17.7	22.5	17.9	26.5	25.7	21.7	30.2	18.2	17.4	23.5
promote racial understanding....	31.6	24.6	38.6	31.9	36.0	38.9	28.4	35.5	29.6	29.2	32.7
raise a family (7).....	58.8	63.6	60.7	52.1	61.3	59.9	57.7	65.4	55.3	54.7	59.9
theoretical contrib to science..	11.9	16.7	13.9	8.0	11.2	12.7	10.0	9.5	10.4	9.7	14.7
write original works.....	14.5	14.2	15.8	12.9	16.1	18.1	13.3	14.5	11.0	10.4	15.2
in 1989											
achieve in a performing art.....	11.8	11.0	15.5	10.6	13.1	14.2	13.5	11.1	12.7	11.9	17.9
be expert on finance/commerce...	23.5	24.2	23.9	24.3	21.5	21.1	25.0	20.1	22.5	22.2	25.2
be involved in environ cleanup...	34.9	29.5	34.2	37.6	37.4	38.8	40.2	33.8	40.9	41.7	34.8
be successful in own business....	44.0	44.3	41.1	43.4	45.2	45.3	53.7	40.5	49.3	49.8	45.7
be very well off financially....	65.5	62.9	59.5	71.8	62.3	63.2	64.8	59.4	75.1	75.1	75.3
become authority in my field....	73.2	71.6	73.7	73.9	73.9	75.3	70.9	73.1	65.2	65.1	65.8
create artistic work.....	13.0	10.1	13.8	13.0	15.9	17.7	15.0	13.7	13.0	14.0	5.8
develop philosophy of life.....	53.2	48.5	60.6	49.3	60.9	63.5	56.6	58.9	47.2	46.3	53.8
have admin responsibility.....	44.4	41.8	44.0	48.1	42.7	41.4	51.3	40.0	49.4	49.8	46.3
help others in difficulty.....	71.3	66.3	65.9	73.4	75.7	75.0	74.9	77.2	68.7	66.9	82.1
influence political structure...	22.5	21.3	26.0	22.2	22.9	25.1	22.1	20.0	20.0	20.3	17.9
influence social values.....	47.9	45.9	47.7	45.2	53.6	54.1	51.0	54.2	48.0	46.0	62.6
obtain recog from colleagues....	56.3	56.3	54.1	55.8	57.4	58.2	62.7	53.4	57.9	57.9	58.0
participate in community action.	30.5	23.7	33.4	30.3	37.0	35.9	36.6	39.1	23.9	24.6	19.1
promote racial understanding....	39.3	36.1	41.2	39.5	42.0	42.6	38.6	42.7	35.5	35.4	36.8
raise a family.....	69.5	70.9	69.4	66.7	71.6	69.7	72.6	74.1	63.3	61.9	73.3
theoretical contrib to science..	13.9	14.4	12.1	13.6	14.4	13.7	12.8	16.2	16.0	17.0	8.6
write original works.....	15.1	13.0	18.8	13.0	18.7	20.5	18.9	15.9	14.4	15.3	8.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges											Two-year Colleges		
	All 4-yr	Universities										All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot						
Political Orientation in 1987														
far left.....	1.8	1.9	1.9	1.8	1.8	2.0	1.2	1.7		1.3	1.2	2.0		
liberal.....	24.4	26.2	27.2	20.9	25.8	29.9	28.3	18.0		12.6	11.9	17.6		
middle of the road.....	53.2	54.0	45.8	57.4	49.7	45.6	52.3	54.4		71.6	74.4	51.2		
conservative.....	19.4	17.0	23.3	18.3	22.1	22.0	17.2	24.8		14.3	12.4	28.4		
far right.....	1.2	1.0	1.8	1.7	0.7	0.4	1.1	1.2		0.1	0.0	0.8		
Political Orientation in 1989														
far left.....	1.5	1.2	1.2	1.4	2.0	3.1	1.1	0.8		0.4	0.4	0.7		
liberal.....	26.3	25.3	27.3	26.1	27.2	29.9	24.8	24.4		22.5	23.7	13.0		
middle of the road.....	44.9	46.5	37.3	47.3	42.5	39.2	45.9	45.9		52.6	51.8	59.7		
conservative.....	26.6	26.2	33.0	24.4	27.8	27.4	27.9	28.3		23.8	23.7	24.7		
far right.....	0.8	0.8	1.2	0.9	0.4	0.4	0.3	0.6		0.7	0.5	1.9		
Agrees Strongly/Somewhat in 1987														
abolish death penalty.....	23.9	22.4	24.3	23.3	26.0	26.6	27.8	24.2		18.1	17.6	21.8		
abortion should be legalized....	63.2	69.5	59.3	66.2	54.1	56.9	47.8	53.2		53.4	52.6	60.2		
busing OK to achieve balance....	56.2	54.8	51.8	58.3	56.5	57.5	56.9	54.8		52.6	52.6	52.8		
college raises earning power....	65.0	67.7	53.7	68.9	60.9	58.4	68.2	61.0		77.6	77.8	75.6		
gov't not controlling pollution..	81.6	80.6	81.6	80.6	83.7	85.6	83.5	80.9		78.4	77.1	87.6		
gov't not promoting disarmament..	73.5	72.6	73.1	74.9	72.8	72.0	74.8	72.9		60.2	57.5	80.9		
marijuana should be legalized....	20.4	19.9	18.2	22.6	19.0	21.1	22.0	14.2		17.5	18.7	8.2		
married women best at home.....	23.0	22.5	17.0	22.9	25.4	26.7	26.1	23.2		33.1	33.9	26.8		
raise taxes to reduce deficit....	25.4	29.1	30.9	21.2	25.0	26.5	20.6	24.9		19.0	19.6	15.5		
Agrees Strongly/Somewhat in 1989														
abolish death penalty.....	23.8	18.9	29.9	25.0	25.6	27.0	30.7	20.6		23.8	24.2	20.1		
abortion should be legalized....	72.4	77.0	68.5	75.4	64.9	69.0	60.5	60.8		65.4	65.6	63.5		
busing OK to achieve balance....	50.1	43.2	48.8	57.2	49.3	52.8	44.0	46.6		56.0	55.5	60.6		
coll ban extreme speakers.....	15.4	15.0	13.4	16.8	14.6	15.8	15.4	12.3		16.4	16.7	14.6		
coll involvement in social pgms..	77.8	78.2	80.8	75.3	79.6	81.1	79.8	77.2		74.8	74.2	79.0		
coll regulate off-campus acts....	7.3	4.7	7.8	8.2	8.7	9.3	6.3	9.0		12.4	12.7	10.4		
college raises earning power....	53.0	58.2	42.1	55.9	47.4	48.5	52.4	42.9		59.7	59.1	64.6		
control AIDS w/mandatory testing	44.9	39.5	34.9	52.3	44.7	45.2	43.6	44.5		58.0	57.5	61.8		
equal opportunity for women.....	95.4	95.8	93.9	95.4	95.3	94.7	96.3	95.7		97.2	97.4	95.6		
gov't not controlling pollution..	91.0	91.9	88.8	91.7	90.0	90.7	91.0	88.4		89.6	89.7	88.8		
gov't not promoting disarmament..	71.7	70.0	62.5	72.5	75.1	76.0	76.0	73.3		72.5	72.1	75.2		
grading in college too easy.....	20.5	18.4	21.6	22.3	20.1	21.6	19.4	18.1		21.3	21.5	19.0		
ind can do little to change soc..	35.6	38.4	30.0	37.3	32.1	31.8	37.7	29.7		38.1	37.3	44.3		
man not entitled to sex on date..	93.3	93.9	94.5	93.8	91.7	91.1	92.7	92.1		89.5	88.7	95.5		
marijuana should be legalized....	21.4	22.6	22.9	22.7	17.8	18.5	18.2	16.5		17.3	18.1	10.4		
married women best at home.....	10.8	7.8	9.4	10.2	15.1	16.4	13.3	14.1		14.7	14.7	14.5		
national health care plan needed	65.9	62.4	57.4	71.3	65.5	69.3	65.0	59.6		74.2	76.6	55.1		
racial discrim no longer problem	13.0	14.3	7.3	12.4	14.0	14.1	14.2	13.7		23.7	25.0	13.6		
raise taxes to reduce deficit....	29.2	31.0	35.5	25.6	29.6	28.0	26.8	33.5		22.2	22.5	19.9		
wealthy should pay more taxes....	72.6	71.8	64.1	78.9	68.4	69.8	70.1	65.1		81.9	84.1	65.1		

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges										Two-year Colleges		
	All 4-yr	Universities											
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv		
Agrees Strongly or Somewhat													
a lot of racial conflict here...	24.6	36.4	29.4	19.7	16.6	17.4	17.1	15.0	20.5	21.5	11.8		
admin care little about students	31.6	43.6	31.3	28.3	23.1	25.2	20.2	21.5	25.6	27.0	15.3		
admin considers faculty concerns	72.8	69.9	68.9	72.1	77.7	76.9	79.9	77.6	73.7	73.0	79.2		
admin considers student concerns	50.4	49.5	41.2	50.8	53.6	54.5	55.1	51.4	55.4	57.3	40.0		
courses incl feminist perspective	44.0	48.2	47.1	34.7	49.8	50.5	52.1	47.6	33.2	33.0	34.6		
courses incl minority perspective	52.9	58.7	48.2	50.1	51.6	55.4	48.5	47.2	39.5	37.3	56.6		
curriculum over-specialized.....	21.9	25.0	20.8	21.2	19.8	19.5	17.6	21.4	30.5	32.0	18.9		
ethnic groups communicate well..	72.9	67.4	62.9	74.2	80.0	80.5	85.7	76.1	82.9	83.1	81.5		
fac committed to welfare of coll	69.8	67.4	69.9	63.1	80.6	79.2	80.7	82.6	66.4	64.6	80.8		
fac feels students well-prepared	67.3	65.1	82.4	56.9	77.6	74.1	78.4	82.6	61.1	61.1	61.4		
fac interested in acad problems.	67.9	55.6	73.1	66.9	80.5	79.3	82.2	81.7	68.2	66.6	80.4		
fac interested in student probs.	56.4	39.4	60.4	53.0	77.3	73.1	80.7	82.3	58.8	56.4	77.7		
fac positive about gen ed pgm ..	85.0	84.0	88.7	81.5	89.2	90.5	93.1	85.1	82.1	81.2	89.6		
fac sensitive to minority issues	71.6	68.4	70.3	70.4	76.8	74.9	80.2	78.1	68.4	68.3	68.8		
low trust btwn minorities/admin.	26.0	34.3	36.0	23.1	18.1	22.2	14.9	13.4	14.4	14.7	12.3		
many students don't "fit in"....	34.1	38.9	37.3	30.5	32.5	33.0	34.2	30.8	34.3	35.2	27.2		
oppty for fac/stdnt socializing.	48.0	32.1	47.6	49.3	63.2	64.3	61.9	62.1	51.5	51.1	55.0		
students resent required courses	61.3	65.0	50.5	65.4	55.6	55.3	50.1	59.1	70.1	71.9	56.5		
Objectives Rated as High or Highest Priorities for College													
allow airing of diff opinions...	52.6	54.8	49.3	52.2	51.7	54.3	48.5	49.4	52.9	54.2	42.9		
conduct basic & applied research	48.6	60.3	54.8	43.1	41.2	42.7	45.6	36.4	51.0	50.7	53.1		
create multi-cultural environ...	46.6	47.1	44.1	44.9	48.8	50.9	50.4	44.8	38.3	39.2	31.8		
create positive undergrad exp...	69.7	62.3	72.3	66.7	80.4	79.1	84.7	80.1	63.3	61.1	81.2		
devel apprec of multi-cultul soc	43.9	43.7	43.4	40.6	48.4	51.7	46.7	44.2	36.0	35.8	37.3		
devel community among fac/stdnts	44.1	28.3	42.7	44.8	60.2	57.5	62.9	63.0	42.6	41.8	49.2		
devel leadership ability in fac.	35.9	37.9	35.0	30.4	40.8	41.4	36.2	42.2	32.5	32.2	35.3		
devel leadership abil in stdnts.	53.2	41.5	51.8	57.5	60.8	60.0	62.4	61.1	55.4	55.6	53.7		
economize and cut costs.....	34.6	40.4	27.3	36.9	27.8	29.8	24.9	26.2	35.0	33.5	47.3		
enhance inst's national image...	68.0	78.2	82.7	59.8	62.8	64.1	61.0	61.8	57.0	57.1	56.2		
facilitate comm svcs involvement	36.0	31.7	41.6	33.6	41.9	40.5	48.8	40.5	29.7	26.4	56.3		
help solve soc/environ problems..	31.5	29.5	25.6	32.1	34.7	37.2	32.6	32.0	32.5	32.2	34.6		
help students understand values.	55.4	39.3	58.5	55.4	71.7	70.2	78.3	70.4	45.9	44.7	55.0		
hire faculty "stars".....	18.7	27.3	30.3	12.1	14.3	15.3	14.1	12.8	17.3	18.1	10.4		
increase minorities in fac/admin	32.3	34.2	25.0	36.6	27.3	32.0	24.6	21.4	25.7	26.5	18.9		
increase women in fac/admin.....	26.6	29.5	20.0	24.7	27.9	33.6	27.4	19.4	27.4	27.4	27.1		
increase/maintain inst prestige.	75.7	83.6	89.6	66.4	74.4	75.3	75.2	72.7	60.9	59.9	68.1		
promote intellectual development	76.3	73.7	82.8	70.8	84.0	84.2	89.5	80.9	63.7	64.3	58.5		
raise money for the institution.	58.6	68.1	74.6	44.8	60.9	62.1	56.2	61.4	33.9	31.2	55.6		
recruit more minority students..	37.8	46.0	33.0	34.6	34.4	37.6	27.5	33.1	32.2	33.2	24.6		
teach students how to change soc	36.8	25.7	32.8	42.1	43.0	44.7	43.3	40.3	31.1	29.9	40.5		
Want Copy of Survey Results													
yes.....	93.7	93.2	96.6	93.9	93.1	94.3	91.4	92.2	85.1	84.2	91.7		
no.....	6.3	6.8	3.4	6.1	6.9	5.7	8.6	7.8	14.9	15.8	8.3		

1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1987)											
None											
studying/homework.....	0.6	0.3	0.7	0.6	1.0	1.1	0.7	1.1	0.4	0.4	0.4
socializing with friends.....	0.1	0.1	0.1	0.0	0.1	0.2	0.1	0.2	0.4	0.5	0.0
talk with teacher outside class.	5.9	6.4	5.2	7.5	3.6	2.7	4.7	4.5	8.3	7.5	13.3
exercising/sports.....	3.1	2.2	3.0	3.9	3.1	3.4	3.2	2.5	6.5	6.9	3.5
partying.....	12.9	9.7	12.2	14.3	14.7	15.3	11.4	15.5	11.0	10.7	13.1
working (for pay).....	26.6	26.0	36.9	21.5	29.9	28.5	26.2	34.1	23.7	21.7	36.7
volunteer work.....	56.9	59.6	45.6	60.4	53.5	53.5	47.5	56.7	56.9	56.4	60.1
student clubs/groups.....	27.2	24.4	16.5	33.1	26.4	24.2	28.9	28.4	37.2	38.2	30.1
watching TV.....	4.2	5.1	5.3	3.3	4.2	4.8	3.3	3.8	1.5	1.3	2.9
hobbies.....	10.2	9.9	7.0	12.3	8.9	7.3	6.4	12.5	5.9	5.6	8.0
Six or More											
studying/homework.....	50.0	49.5	62.9	45.5	51.9	56.1	46.7	48.1	44.4	44.6	43.4
socializing with friends.....	82.2	84.3	81.3	81.1	81.6	82.0	83.9	79.7	74.7	74.3	78.0
talk with teacher outside class.	7.9	8.2	7.5	7.0	9.0	10.0	11.8	5.9	6.4	4.2	21.5
exercising/sports.....	50.6	52.3	51.9	47.9	51.6	51.0	58.4	48.8	48.2	48.6	45.5
partying.....	36.7	40.2	35.3	38.1	31.7	30.9	43.0	26.8	36.9	36.3	40.9
working (for pay).....	59.9	58.8	50.6	66.8	55.5	57.4	61.7	49.2	64.8	66.0	56.2
volunteer work.....	6.1	6.1	4.6	5.7	7.3	7.7	8.6	5.8	5.4	5.8	2.7
student clubs/groups.....	18.1	17.7	23.9	15.1	20.4	20.8	16.6	21.9	12.7	12.6	13.3
watching TV.....	30.4	29.9	26.1	30.8	31.7	31.7	32.8	31.0	35.0	31.1	61.6
hobbies.....	26.0	24.2	25.7	25.5	28.6	30.6	31.4	24.0	32.0	30.9	39.5
Sixteen or More											
studying/homework.....	9.1	6.9	16.7	8.0	10.3	12.0	7.7	9.1	4.8	3.1	16.2
socializing with friends.....	37.9	38.1	35.1	38.8	37.4	38.0	39.6	35.3	36.0	34.0	49.6
talk with teacher outside class.	1.2	0.6	0.3	1.3	1.9	2.3	3.2	0.7	0.8	0.6	2.0
exercising/sports.....	19.3	17.0	18.6	20.4	20.5	18.5	24.9	21.3	14.6	15.2	10.2
partying.....	10.0	8.4	7.5	12.3	9.6	10.1	14.6	6.0	6.7	6.6	7.7
working (for pay).....	36.2	36.0	25.9	41.8	32.9	33.6	37.6	29.4	36.3	36.5	34.5
volunteer work.....	1.7	2.5	0.8	1.0	1.8	1.1	2.7	2.6	0.7	0.7	0.9
student clubs/groups.....	4.1	4.7	5.0	2.9	4.6	5.4	1.9	4.9	5.3	5.4	4.7
watching TV.....	7.8	7.3	5.6	9.1	7.4	8.9	8.8	4.5	6.6	6.6	7.3
hobbies.....	5.9	5.5	5.2	6.1	6.3	6.4	8.4	4.9	4.5	3.9	8.6

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ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All					All	Pub	Priv
		Pub	Priv		Pub	Priv	Nons	Cath	Prot			
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1989)												
None												
classes/labs.....	0.6	0.4	0.0	0.2	1.6	2.3	1.1	0.7		1.6	1.6	2.3
studying/homework.....	0.3	0.1	0.0	0.1	0.8	1.5	0.0	0.0		0.3	0.4	0.0
socializing with friends.....	0.4	0.3	0.1	0.4	0.4	0.7	0.0	0.1		1.4	1.5	0.0
talk with faculty outside class.....	10.9	16.3	9.5	10.0	6.6	8.4	4.4	5.1		9.6	10.1	5.8
exercising/sports.....	5.2	5.8	4.7	5.2	4.8	6.0	3.1	3.9		15.5	16.2	9.6
reading for pleasure.....	27.1	28.5	26.6	27.9	24.9	24.6	22.1	26.9		28.5	26.8	42.8
using a personal computer.....	37.4	42.7	25.5	37.1	35.6	34.5	31.8	39.4		44.2	46.0	28.7
partying.....	13.3	11.4	10.2	11.8	18.2	20.7	11.6	17.7		28.3	29.0	22.9
working (for pay).....	35.6	38.1	38.4	36.0	31.6	34.9	27.2	28.9		30.1	30.5	26.4
volunteer work.....	65.9	69.6	60.7	68.0	60.8	62.4	61.0	58.2		69.5	68.8	75.1
student clubs/groups.....	42.0	47.5	31.1	45.6	35.0	38.1	33.6	30.9		65.1	65.5	61.7
watching TV.....	10.8	9.5	14.4	9.1	13.0	15.0	8.4	12.3		4.4	3.9	8.7
commuting to campus.....	56.7	49.0	67.2	53.3	65.9	65.8	60.7	68.7		26.2	24.6	39.8
religious services/meetings.....	54.6	57.7	46.1	61.4	45.7	48.4	34.3	47.5		59.4	60.4	51.2
hobbies.....	24.6	23.2	27.8	25.7	23.7	26.1	17.2	23.4		23.5	24.5	15.3
Six or More												
classes/labs.....	89.6	89.6	95.6	87.7	89.9	88.7	90.2	91.6		83.4	83.2	84.7
studying/homework.....	76.0	75.8	82.0	73.8	77.3	76.6	80.1	77.1		62.9	62.6	65.4
socializing with friends.....	78.8	83.8	82.9	72.3	80.4	77.8	81.2	83.9		62.4	63.5	52.3
talk with faculty outside class.....	1.6	1.1	0.5	1.4	2.6	2.9	1.8	2.4		3.0	3.2	2.0
exercising/sports.....	30.2	29.3	34.6	26.7	34.4	33.9	37.6	33.4		17.7	18.5	10.8
reading for pleasure.....	5.8	4.7	5.6	7.5	4.8	5.8	5.2	3.1		8.7	9.2	4.8
using a personal computer.....	8.9	7.9	10.9	7.9	10.4	11.3	8.4	10.1		9.2	9.4	7.3
partying.....	34.1	36.4	35.6	33.7	31.9	29.2	43.5	29.9		23.0	23.3	20.1
working (for pay).....	55.6	53.9	48.4	58.6	55.9	52.2	58.5	60.4		59.5	58.9	64.5
volunteer work.....	3.3	2.2	3.1	3.4	4.2	3.3	3.2	6.3		2.8	2.9	1.6
student clubs/groups.....	9.0	9.0	14.3	8.8	7.7	7.6	6.2	8.7		4.1	3.8	6.4
watching TV.....	26.0	27.1	20.1	26.6	25.8	27.6	27.6	22.1		26.7	26.8	25.2
commuting to campus.....	7.9	9.1	4.9	8.6	6.8	7.2	5.9	6.7		13.5	14.3	6.8
religious services/meetings.....	1.9	0.9	1.7	1.9	2.9	3.0	2.3	3.0		1.4	1.2	2.5
hobbies.....	9.8	10.5	7.6	8.6	11.4	11.0	12.1	11.7		8.9	8.4	13.0
Sixteen or More												
classes/labs.....	49.9	47.5	53.9	51.6	49.0	48.0	50.5	50.0		43.9	43.9	44.7
studying/homework.....	25.8	26.4	35.6	21.7	27.4	27.2	27.8	27.4		22.4	23.4	13.8
socializing with friends.....	33.1	34.9	35.0	27.6	37.5	37.9	32.0	39.7		22.3	22.3	22.4
talk with faculty outside class.....	0.1	0.0	0.2	0.2	0.2	0.3	0.1	0.0		0.7	0.8	0.0
exercising/sports.....	7.1	6.0	8.6	6.7	8.2	7.1	6.9	10.5		2.3	2.5	0.9
reading for pleasure.....	0.5	0.7	0.5	0.6	0.3	0.2	0.8	0.2		0.8	0.9	0.6
using a personal computer.....	1.7	1.2	2.0	1.7	2.2	2.4	4.3	0.9		2.6	2.7	1.5
partying.....	7.2	7.5	6.8	7.5	6.4	6.0	8.6	6.0		4.4	4.0	8.1
working (for pay).....	25.7	28.4	15.8	30.0	20.5	20.9	23.1	18.7		37.1	38.8	23.3
volunteer work.....	0.7	0.4	0.2	0.3	1.5	0.2	1.4	3.6		0.4	0.3	1.2
student clubs/groups.....	1.7	1.8	2.8	1.6	1.3	1.8	0.2	1.3		0.5	0.5	1.0
watching TV.....	5.5	6.0	2.0	5.5	6.2	6.1	4.5	7.2		5.4	5.2	7.3
commuting to campus.....	0.8	0.5	0.4	1.7	0.2	0.0	1.0	0.1		0.9	0.8	1.3
religious services/meetings.....	0.2	0.0	0.2	0.2	0.3	0.0	1.0	0.3		0.0	0.0	0.0
hobbies.....	2.1	1.9	0.9	2.4	2.3	2.0	1.6	3.0		1.8	1.7	2.6

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot			
Religious Preference in 1987											
Baptist.....	13.9	10.7	6.2	18.9	13.6	16.0	3.9	14.9	10.1	8.5	21.9
Buddhist.....	0.3	0.3	0.4	0.3	0.2	0.2	0.0	0.4	0.1	0.2	0.0
Congregational (U.C.C.).....	1.3	1.6	0.7	0.8	1.9	2.7	0.9	1.1	1.1	1.0	1.3
Eastern Orthodox.....	1.1	0.9	0.7	2.2	0.2	0.3	0.3	0.1	0.3	0.3	0.0
Episcopal.....	3.6	3.7	3.8	2.6	4.6	7.0	2.0	2.3	0.6	0.7	0.0
Islamic.....	0.1	0.0	0.1	0.1	0.2	0.4	0.0	0.0	0.0	0.0	0.0
Jewish.....	2.9	4.6	7.0	0.7	2.4	3.9	0.2	1.4	0.8	0.6	2.6
Latter Day Saints (Mormon).....	0.5	1.3	0.1	0.3	0.1	0.0	0.3	0.1	0.3	0.3	0.5
Lutheran.....	7.5	6.5	3.7	9.3	7.6	5.7	3.2	12.8	7.8	7.9	6.6
Methodist.....	8.7	9.6	4.6	10.0	7.7	6.9	1.9	11.9	10.4	8.8	22.7
Presbyterian.....	4.6	4.1	5.1	3.4	6.6	4.9	7.3	8.8	4.9	5.0	4.1
Quaker (Society of Friends).....	0.3	0.6	0.0	0.0	0.3	0.2	0.0	0.7	0.0	0.0	0.0
Roman Catholic.....	32.2	30.4	48.1	31.2	30.3	23.7	73.3	17.9	41.6	44.7	18.6
Seventh Day Adventist.....	0.2	0.3	0.2	0.0	0.3	0.6	0.0	0.2	0.7	0.8	0.0
other Protestant.....	5.3	3.8	3.0	5.3	7.5	7.4	1.2	10.9	3.3	3.1	4.2
other religion.....	4.8	4.4	4.3	4.1	6.4	7.6	1.0	7.3	7.3	6.4	14.7
none.....	12.6	17.5	12.0	10.8	10.1	12.6	4.5	9.2	10.8	11.9	2.8
Religious Preference in 1989											
Baptist.....	12.9	9.1	6.6	18.0	12.4	14.2	2.3	14.8	12.5	11.5	20.8
Buddhist.....	0.6	0.6	0.3	0.5	0.8	0.5	3.1	0.1	0.1	0.2	0.0
Congregational (UCC).....	1.2	1.7	0.7	1.2	0.9	1.0	0.6	0.8	0.8	0.8	0.5
Eastern Orthodox.....	0.4	0.7	0.4	0.4	0.2	0.2	0.3	0.1	0.3	0.3	0.0
Episcopal.....	4.5	7.5	3.6	2.5	4.1	6.2	1.3	2.2	0.5	0.5	0.4
Islamic.....	0.1	0.0	0.1	0.2	0.2	0.5	0.0	0.0	0.0	0.0	0.0
Jewish.....	2.5	4.2	6.0	0.7	1.9	3.0	0.2	0.9	3.6	3.7	2.7
Latter Day Saints (Mormon).....	0.4	1.0	0.1	0.3	0.1	0.0	0.3	0.1	0.3	0.3	0.5
Lutheran.....	6.9	5.9	3.0	8.4	7.3	5.1	3.9	12.7	7.2	7.1	7.5
Methodist.....	8.4	10.2	4.7	8.9	7.1	6.5	2.2	10.6	9.7	7.7	25.4
Presbyterian.....	3.8	3.1	4.5	2.4	5.9	3.8	7.2	8.4	4.2	4.5	1.7
Quaker.....	0.3	0.5	0.4	0.1	0.1	0.1	0.0	0.2	0.0	0.0	0.0
Roman Catholic.....	31.0	30.2	45.9	28.8	30.3	24.3	69.5	18.8	43.8	46.5	22.6
Seventh Day Adventist.....	0.2	0.3	0.2	0.0	0.2	0.4	0.0	0.2	0.7	0.7	0.0
other Protestant.....	6.4	4.7	4.1	5.5	10.1	10.4	1.4	14.3	5.3	5.0	7.8
other religion.....	5.3	3.8	3.1	7.2	5.3	7.0	1.5	4.8	3.8	3.4	6.6
none.....	15.0	16.5	16.3	15.1	13.1	16.8	6.1	10.9	7.4	7.9	3.5
Born-again Christian in 1989											
no.....	78.6	81.3	86.7	77.3	75.1	73.7	92.0	68.2	79.7	82.4	57.9
yes.....	21.4	18.7	13.3	22.7	24.9	26.3	8.0	31.8	20.3	17.6	42.1

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Probable Career in 1987 (8)											
artist (including performer)....	8.4	4.7	10.7	8.7	11.2	12.9	10.9	8.7	2.8	2.3	6.4
business.....	23.1	26.6	20.8	22.2	21.1	20.0	26.8	19.6	26.9	27.6	22.6
clergy or religious worker.....	0.4	0.0	0.1	0.3	0.8	1.0	0.9	0.6	0.1	0.0	0.4
college teacher.....	0.5	0.5	0.6	0.5	0.7	0.5	0.2	1.2	0.4	0.3	0.9
doctor (MD or DDS).....	6.0	8.4	11.7	2.6	5.9	7.2	4.4	4.7	0.8	0.7	1.7
education (secondary).....	3.4	2.4	1.4	5.0	3.3	2.1	2.7	5.5	3.0	3.0	2.5
education (primary).....	4.6	2.6	0.6	7.6	4.5	3.7	6.5	4.7	6.8	7.3	3.6
engineer.....	8.7	14.8	11.0	6.4	4.4	5.8	3.6	2.7	14.6	16.3	3.4
farmer or forester.....	0.2	0.3	0.0	0.1	0.5	0.1	0.3	1.1	2.1	1.9	4.0
health professional (non-M.D.)..	6.0	6.4	1.8	8.2	4.1	3.2	4.5	5.3	10.2	8.8	19.8
lawyer.....	5.3	4.0	12.1	2.6	8.0	4.9	6.5	13.3	1.1	1.1	0.5
nurse.....	1.3	0.7	0.1	1.4	2.1	0.8	3.5	3.3	1.5	1.6	1.1
research scientist.....	1.9	1.7	2.0	1.7	2.3	2.3	1.2	2.9	0.9	0.9	1.4
other choice.....	17.5	13.9	13.0	22.2	16.9	16.9	18.7	16.1	22.3	21.5	28.0
undecided.....	12.7	13.1	14.2	10.6	14.4	18.8	9.5	10.3	6.5	6.9	3.8
Probable Career in 1989 (8)											
artist (including performer)....	7.3	5.7	7.9	6.6	9.9	12.1	7.7	7.6	1.9	1.8	3.1
business.....	25.1	26.5	24.2	27.0	21.6	21.0	29.2	18.7	24.1	24.1	23.5
clergy or religious worker.....	0.3	0.1	0.2	0.0	0.8	0.5	0.5	1.4	0.0	0.0	0.0
college teacher.....	0.9	0.8	2.0	0.4	1.4	1.2	1.0	2.0	0.1	0.1	0.0
doctor (MD or DDS).....	4.1	4.8	5.9	1.1	6.5	5.7	3.1	9.4	1.4	1.6	0.0
education (secondary).....	4.9	6.1	2.8	4.2	5.2	3.7	5.9	7.4	3.6	3.2	7.3
education (primary).....	6.6	5.1	1.6	9.3	6.5	5.5	8.2	7.1	6.1	6.1	6.1
engineer.....	6.4	10.8	7.7	5.4	2.6	3.7	2.4	1.0	7.9	8.5	2.8
farmer or forester.....	0.7	1.0	0.0	0.4	1.0	0.4	1.1	1.8	1.3	0.9	5.0
health professional (non-M.D.)..	4.4	5.9	2.3	4.1	3.8	2.8	3.1	5.6	7.4	7.5	7.1
lawyer.....	5.2	5.3	12.8	2.4	6.3	6.7	8.1	4.9	1.3	1.4	0.6
nurse.....	1.7	1.3	0.2	2.6	1.7	0.8	3.0	2.2	3.0	3.2	2.0
research scientist.....	1.6	1.3	2.0	1.6	1.8	1.7	2.0	1.9	0.9	0.9	1.6
other choice.....	24.5	20.6	22.5	28.7	23.9	26.3	21.2	21.6	36.9	37.1	35.4
undecided.....	6.2	4.8	7.8	6.3	7.0	7.8	3.3	7.5	3.9	3.7	5.5
Reasons Noted as Very Important or Essential for Choosing Career											
job opportunities available.....	62.5	65.3	50.6	64.4	61.0	60.5	62.0	51.1	78.9	79.0	77.8
enjoy working w/people in field.	74.9	75.4	71.0	72.0	79.3	79.3	76.5	80.8	73.1	72.1	81.3
work is interesting.....	95.2	95.7	95.7	95.3	94.4	94.7	94.5	94.0	90.6	89.9	96.0
pays well.....	59.2	58.6	55.5	62.2	57.3	58.7	60.2	53.5	67.8	68.4	62.9
satisfies parent's hopes.....	15.1	13.7	12.7	17.2	14.5	16.0	16.4	11.2	22.5	23.4	15.0
work is challenging.....	78.5	78.5	81.6	75.9	80.5	78.7	84.0	81.5	77.0	76.0	85.6
can make contribution to society	63.4	63.8	59.8	62.2	65.6	63.3	63.5	70.3	50.7	50.4	52.6
oppty for rapid career advancmnt	47.3	45.2	42.0	50.8	47.0	45.6	49.1	48.0	58.7	57.8	66.0
oppty for freedom of action.....	59.9	62.0	63.8	54.9	62.8	65.5	60.0	59.9	60.6	60.7	59.7

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges										Two-year Colleges		
	All 4-yr	Universities		Pub						All	Pub	Priv	
		Pub	Priv		Pub	All Priv	Nons	Cath	Prot				
Probable Major in 1987 (8)													
agriculture.....	0.2	0.5	0.0	0.2	0.0	0.0	0.0	0.0	2.3	2.1	4.0		
biological sciences.....	4.3	5.4	3.4	3.3	4.7	4.9	4.4	4.6	2.5	2.7	0.8		
business.....	25.7	28.2	23.9	26.2	23.0	20.6	30.3	23.0	26.4	26.5	25.5		
education.....	7.9	4.8	1.3	11.8	8.4	7.6	7.9	9.9	10.6	11.0	8.0		
engineering.....	9.1	14.7	12.7	7.4	4.3	5.7	3.8	2.5	14.1	15.3	4.3		
English.....	1.4	0.8	2.1	1.0	2.3	2.1	1.8	3.0	0.0	0.0	0.0		
health professional.....	8.0	10.5	8.8	6.3	7.3	5.6	7.5	9.9	9.7	8.2	21.9		
history or political science....	4.4	2.8	11.6	3.0	5.6	6.3	5.8	4.4	1.1	1.1	1.1		
humanities.....	2.6	1.0	3.9	2.6	4.0	4.5	4.6	2.8	1.2	1.3	0.4		
fine arts.....	4.3	2.2	5.7	4.0	6.6	8.9	4.5	4.1	2.2	1.4	8.3		
mathematics or statistics.....	1.1	1.1	0.9	1.5	0.7	0.4	0.8	1.1	0.3	0.3	0.2		
physical sciences.....	1.7	2.2	2.2	0.9	2.0	2.4	1.2	1.9	0.7	0.7	0.5		
social sciences.....	7.4	7.2	5.3	7.6	8.1	7.6	7.9	9.2	7.5	7.7	6.3		
other technical.....	4.0	3.5	2.0	5.5	3.5	2.5	3.5	5.0	5.9	6.0	4.8		
other non-technical.....	9.3	9.0	7.5	8.3	11.3	10.0	10.0	14.1	11.2	11.3	10.8		
undecided.....	8.4	6.1	8.6	10.6	8.2	11.2	6.1	4.6	4.2	4.4	3.0		
Major Reported in 1989 (8)													
agriculture.....	0.5	1.1	0.0	0.2	0.4	0.1	1.3	0.5	3.1	2.9	4.3		
biological sciences.....	5.9	6.1	4.5	3.8	8.6	7.4	3.8	12.8	2.1	2.2	1.5		
business.....	21.8	20.8	20.0	24.8	19.8	18.2	30.4	17.1	29.5	30.4	22.7		
education.....	9.7	7.3	2.7	13.2	10.6	8.6	9.6	14.1	6.8	6.6	8.3		
engineering.....	7.6	12.6	10.3	6.5	2.4	3.2	3.0	0.8	9.7	10.5	4.0		
English.....	3.6	3.2	3.8	2.2	5.6	7.3	4.3	3.8	0.8	0.6	2.4		
health professional.....	4.4	5.9	1.7	4.3	3.5	2.2	5.0	4.6	8.4	9.2	1.7		
history or political science....	8.2	8.0	17.4	6.0	8.2	9.3	7.7	7.0	2.1	2.1	2.2		
humanities.....	4.0	4.0	5.0	2.5	5.6	6.8	4.7	4.3	0.5	0.5	0.7		
fine arts.....	3.9	3.1	5.5	2.8	5.6	7.2	4.2	3.9	3.6	3.3	6.5		
mathematics or statistics.....	1.8	1.6	1.6	1.4	2.4	1.7	1.4	4.1	0.6	0.7	0.0		
physical sciences.....	2.1	1.6	2.3	1.9	2.8	3.3	2.7	2.2	1.1	1.1	0.9		
social sciences.....	12.7	12.2	13.7	12.2	13.7	14.7	9.6	14.1	11.5	9.8	25.5		
other technical.....	3.7	3.0	2.6	5.9	2.3	1.5	3.1	3.1	9.0	9.4	6.2		
other non-technical.....	9.0	8.4	8.0	10.7	8.0	8.2	8.9	7.3	9.6	9.3	12.5		
undecided.....	1.1	1.1	0.9	1.7	0.3	0.4	0.2	0.3	1.4	1.5	0.5		
Probable Graduate Major (8)													
agriculture.....	0.2	0.3	0.0	0.0	0.4	0.0	2.0	0.3	1.8	1.7	2.5		
biological sciences.....	2.9	3.1	2.4	3.2	2.7	2.5	2.3	3.1	0.9	0.8	1.3		
business.....	19.7	21.2	18.1	20.9	17.2	16.3	21.8	16.3	14.4	14.0	16.8		
education.....	10.0	10.2	4.9	12.5	9.0	8.5	9.7	9.4	18.4	20.0	9.4		
engineering.....	6.3	8.7	6.9	6.4	3.2	4.6	2.4	1.1	11.2	12.7	2.6		
English.....	2.7	1.7	2.2	3.9	2.8	3.2	3.1	2.0	0.9	0.9	0.7		
health professional.....	8.1	8.6	6.6	6.7	9.7	8.1	7.8	13.2	6.3	6.5	5.2		
history or political science....	2.9	1.2	7.4	3.2	2.9	2.9	4.5	1.9	2.0	2.3	0.6		
humanities.....	2.4	1.8	2.5	1.6	4.1	3.6	2.6	5.5	0.5	0.0	3.7		
fine arts.....	3.2	2.0	3.3	2.9	4.8	5.3	5.7	3.4	2.0	1.5	4.6		
mathematics or statistics.....	0.9	0.7	1.1	0.8	1.2	1.0	0.6	1.9	1.1	1.2	0.0		
physical sciences.....	2.2	2.8	1.3	1.4	2.5	2.3	2.0	3.0	0.3	0.2	0.9		
social sciences.....	13.0	9.9	8.1	16.9	14.3	14.8	10.5	15.4	11.9	7.9	35.4		
other technical.....	4.1	4.5	3.3	4.5	3.4	5.1	2.4	1.3	4.6	4.5	5.0		
other non-technical.....	17.8	19.9	26.3	11.5	18.7	18.0	19.1	19.5	10.9	11.2	9.1		
undecided.....	3.6	3.4	5.5	3.5	3.2	3.6	3.5	2.5	12.9	14.7	2.0		

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Probable Career in 1987												
accountant or actuary.....	6.5	7.5	3.0	8.5	4.2	3.4	6.3	4.3		4.4	3.9	7.8
actor or entertainer.....	1.3	0.0	2.1	1.9	1.7	1.8	2.5	1.2		0.2	0.1	0.4
architect or urban planner.....	0.7	1.2	0.8	0.4	0.5	0.9	0.0	0.1		1.8	1.7	2.3
artist.....	2.1	0.8	1.2	2.5	3.4	4.9	2.5	1.6		0.5	0.4	1.5
business (clerical).....	0.6	0.2	0.0	1.3	0.5	0.4	0.5	0.7		0.4	0.3	0.7
business executive (mgmt,admin).....	11.4	15.5	14.4	7.8	10.6	11.0	12.0	9.3		18.4	19.8	8.2
business owner or proprietor....	3.3	1.8	2.6	4.3	3.8	3.2	6.6	3.2		2.3	1.8	5.7
business salesperson or buyer....	1.9	1.9	0.8	1.7	2.5	2.4	1.9	2.8		1.9	2.0	0.9
clergy (minister,priest).....	0.3	0.0	0.0	0.3	0.7	0.8	0.8	0.5		0.1	0.0	0.4
clergy (other religious).....	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.2		0.0	0.0	0.0
clinical psychologist.....	2.4	2.0	0.6	3.8	1.8	1.2	3.7	1.7		0.9	0.7	2.5
college teacher.....	0.5	0.5	0.6	0.5	0.7	0.5	0.2	1.2		0.4	0.3	0.9
computer programmer or analyst..	2.4	1.9	1.2	3.5	1.9	0.9	2.5	3.2		2.9	3.0	2.2
conservationist or forester.....	0.2	0.3	0.0	0.1	0.3	0.1	0.3	0.5		1.2	1.2	0.7
dentist (including orthodontist)...	0.9	2.0	1.1	0.1	0.5	0.8	0.0	0.4		0.4	0.4	0.0
dietitian or home economist.....	0.2	0.4	0.0	0.3	0.0	0.0	0.0	0.0		0.4	0.3	0.9
engineer.....	8.7	14.8	11.0	6.4	4.4	5.8	3.6	2.7		14.6	16.3	3.4
farmer or rancher.....	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.5		1.0	0.7	3.3
frgn svc worker (incl diplomat)...	1.7	1.0	5.2	1.2	1.9	2.0	1.5	2.0		0.3	0.3	0.0
homemaker (full-time).....	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0		0.0	0.0	0.3
interior decorator or designer...	1.0	0.3	0.7	1.7	1.0	0.5	3.3	0.5		0.1	0.1	0.3
intepreter (translator).....	0.2	0.2	0.4	0.2	0.2	0.2	0.0	0.3		0.0	0.0	0.0
lab technician or hygienist.....	0.3	0.3	0.0	0.3	0.5	0.4	0.6	0.5		0.8	0.8	1.3
law enforcement officer.....	1.2	1.2	0.0	1.7	0.9	1.0	0.6	1.0		1.1	1.0	1.7
lawyer (attorney) or judge.....	5.3	4.0	12.1	2.6	8.0	4.9	6.5	13.3		1.1	1.1	0.5
military service (career).....	1.5	0.3	0.5	3.3	0.8	0.7	1.4	0.7		0.3	0.3	0.2
musician (performer,composer)...	1.0	0.4	2.9	0.6	1.4	1.0	1.1	2.0		0.5	0.3	2.0
nurse.....	1.3	0.7	0.1	1.4	2.1	0.8	3.5	3.3		1.5	1.6	1.1
optometrist.....	0.3	0.6	0.1	0.2	0.3	0.0	0.6	0.7		0.2	0.2	0.0
pharmacist.....	1.0	1.5	0.7	1.0	0.5	0.4	0.2	0.7		2.0	0.1	15.3
physician.....	5.2	6.4	10.6	2.5	5.4	6.4	4.4	4.4		0.4	0.3	1.7
school counselor.....	0.5	0.1	0.3	1.0	0.3	0.2	0.0	0.7		0.0	0.0	0.0
school principal/superintendent...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
scientific researcher.....	1.9	1.7	2.0	1.7	2.3	2.3	1.2	2.9		0.9	0.9	1.4
social,welfare or rec worker....	1.0	0.4	0.8	0.9	2.1	2.9	2.2	0.8		2.2	2.1	3.0
statistician.....	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
therapist (phys,occup,speech)...	3.3	2.7	1.0	5.7	1.8	1.2	2.6	2.3		2.1	2.2	1.9
teacher/admin (elementary).....	4.6	2.6	0.6	7.6	4.5	3.7	6.5	4.7		6.8	7.3	3.6
teacher/admin (secondary).....	2.9	2.2	1.1	3.9	3.0	1.9	2.7	4.8		3.0	3.0	2.5
veterinarian.....	0.8	0.9	0.0	0.7	1.0	1.1	0.5	1.2		4.6	5.2	0.5
writer or journalist.....	2.9	3.1	3.8	1.9	3.7	4.6	1.4	3.5		1.4	1.3	2.2
skilled trades.....	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0		5.1	5.6	1.1
other.....	5.5	5.1	3.5	5.6	6.3	6.7	6.2	5.7		7.3	6.4	14.0
undecided.....	12.7	13.1	14.2	10.6	14.4	18.8	9.5	10.3		6.5	6.9	3.8

1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub						All	Pub	Priv
		Pub	Priv		All	Priv	Nons	Cath	Prot			
Probable Career in 1989												
accountant or actuary.....	5.6	5.5	4.5	6.4	4.8	2.8	12.3	4.2		5.2	5.2	5.3
actor or entertainer.....	0.9	0.4	1.6	0.9	1.4	1.6	1.5	1.1		0.0	0.0	0.0
architect or urban planner.....	0.8	1.2	0.8	0.5	0.6	0.9	0.7	0.2		2.0	2.0	2.5
artist.....	1.8	1.0	1.5	1.7	2.8	4.2	1.7	1.0		0.8	0.7	1.2
business (clerical).....	0.2	0.0	0.3	0.0	0.5	0.5	0.1	0.6		4.8	5.1	2.6
business executive (mgmt,admin)...	13.9	15.5	14.5	13.5	12.3	13.3	11.8	11.1		12.8	13.0	11.4
business owner or proprietor....	3.9	3.8	3.7	5.0	2.6	3.2	2.5	1.7		3.5	3.6	2.7
business salesperson or buyer...	1.8	1.6	1.5	2.0	1.8	1.7	2.5	1.6		2.5	2.3	4.1
clergy (minister,priest).....	0.1	0.0	0.0	0.0	0.5	0.2	0.5	1.0		0.0	0.0	0.0
clergy (other religious).....	0.1	0.1	0.2	0.0	0.3	0.4	0.0	0.4		0.0	0.0	0.0
clinical psychologist.....	2.9	2.6	3.4	2.3	3.8	3.6	3.8	4.1		3.5	3.7	1.6
college teacher.....	0.9	0.8	2.0	0.4	1.4	1.2	1.0	2.0		0.1	0.1	0.0
computer programmer or analyst..	2.6	1.8	1.9	3.9	2.1	1.1	2.6	3.2		2.6	2.5	3.2
conservationist or forester.....	0.6	1.0	0.0	0.3	0.7	0.4	1.1	1.1		0.9	0.9	0.5
dentist (including orthodontist)	0.6	1.6	0.4	0.1	0.4	0.3	0.1	0.8		0.0	0.0	0.0
dietitian or home economist.....	0.3	0.7	0.1	0.2	0.2	0.0	0.0	0.5		0.3	0.2	0.5
engineer.....	6.4	10.8	7.7	5.4	2.6	3.7	2.4	1.0		7.9	8.5	2.8
farmer or rancher.....	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.7		0.5	0.0	4.6
frgn svc worker (incl diplomat)..	1.6	1.8	4.4	0.4	2.0	2.6	1.7	1.3		0.4	0.4	0.3
homemaker (full-time).....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3		0.0	0.0	0.0
interior decorator or designer..	0.4	0.6	0.3	0.3	0.5	0.3	0.5	0.8		0.0	0.0	0.0
intepreter (translator).....	0.2	0.5	0.2	0.0	0.2	0.1	0.1	0.3		0.0	0.0	0.0
lab technician or hygienist.....	0.5	0.4	0.0	0.8	0.2	0.1	0.2	0.4		1.2	0.8	4.4
law enforcement officer.....	1.7	2.0	0.2	2.4	0.9	1.6	0.3	0.1		1.0	1.1	0.4
lawyer (attorney) or judge.....	5.2	5.3	12.8	2.4	6.3	6.7	8.1	4.9		1.3	1.4	0.6
military service (career).....	1.4	0.5	0.8	3.3	0.3	0.4	0.7	0.0		0.1	0.1	0.0
musician (performer,composer)...	0.8	0.9	1.5	0.4	0.8	1.0	0.7	0.7		0.4	0.3	1.2
nurse.....	1.7	1.3	0.2	2.6	1.7	0.8	3.0	2.2		3.0	3.2	2.0
optometrist.....	0.2	0.7	0.0	0.1	0.0	0.0	0.0	0.0		0.1	0.2	0.0
pharmacist.....	0.7	0.9	0.7	0.7	0.3	0.3	0.2	0.3		0.3	0.3	0.3
physician.....	3.5	3.2	5.5	1.1	6.1	5.4	3.0	8.7		1.4	1.6	0.0
school counselor.....	0.4	0.7	0.0	0.3	0.4	0.3	1.2	0.2		0.0	0.0	0.0
school principal/superintendent.	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.1		0.0	0.0	0.0
scientific researcher.....	1.6	1.3	2.0	1.6	1.8	1.7	2.0	1.9		0.9	0.9	1.6
social,welfare or rec worker....	2.1	1.5	1.4	2.4	2.5	2.2	1.0	3.8		6.4	6.6	4.7
statistician.....	0.1	0.1	0.3	0.2	0.0	0.1	0.1	0.0		0.3	0.3	0.0
therapist (phys,occup,speech)...	1.9	2.2	1.3	1.5	2.0	1.2	2.6	3.0		1.4	1.3	2.0
teacher/admin (elementary).....	6.6	5.1	1.6	9.3	6.5	5.5	8.2	7.1		6.1	6.1	6.1
teacher/admin (secondary).....	4.4	5.1	2.6	3.9	4.8	3.4	4.7	7.0		3.6	3.2	7.3
veterinarian.....	0.9	1.0	0.1	0.7	1.0	1.1	0.1	1.3		4.1	4.6	0.0
writer or journalist.....	3.5	2.9	3.0	3.3	4.4	4.9	3.4	4.0		0.8	0.8	0.7
skilled trades.....	0.2	0.0	0.0	0.4	0.2	0.0	0.0	0.5		4.7	4.9	2.5
other.....	10.6	8.6	8.8	12.6	10.7	13.2	10.0	7.1		11.1	10.3	17.5
undecided.....	6.2	4.8	7.8	6.3	7.0	7.8	3.3	7.5		3.9	3.7	5.5

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot			
Probable Major Reported in 1987											
Arts and Humanities											
art, fine and applied.....	2.9	1.0	1.5	3.5	4.5	7.1	2.0	1.7	0.8	0.6	1.6
English (language & literature).....	1.4	0.8	2.1	1.0	2.3	2.1	1.8	3.0	0.0	0.0	0.0
history.....	1.0	0.7	1.5	0.8	1.4	1.7	1.1	1.1	0.2	0.1	0.6
journalism.....	1.4	1.9	2.9	0.9	1.0	0.6	1.2	1.4	0.9	0.9	0.6
language (except English).....	0.7	0.2	2.2	0.7	0.7	0.8	0.5	0.8	0.1	0.1	0.0
music.....	0.7	0.0	2.8	0.2	1.5	1.3	1.1	2.0	0.4	0.0	3.4
philosophy.....	0.2	0.2	0.3	0.0	0.4	0.6	0.0	0.3	0.0	0.0	0.0
speech.....	0.2	0.2	0.6	0.2	0.2	0.1	0.1	0.3	0.0	0.0	0.0
theater or drama.....	0.9	0.0	0.9	1.4	1.0	1.0	1.2	0.9	0.0	0.0	0.4
theology or religion.....	0.3	0.0	0.2	0.2	0.6	1.0	0.1	0.3	0.0	0.0	0.0
other arts and humanities.....	0.6	0.6	0.4	0.2	1.2	1.1	2.8	0.4	1.0	1.2	0.0
Biological Sciences											
biology (general).....	2.5	3.0	1.7	1.9	3.0	3.3	3.1	2.4	0.7	0.8	0.0
biochemistry or biophysics.....	0.5	0.7	1.2	0.1	0.5	0.4	0.7	0.6	0.0	0.0	0.0
botany.....	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.2	0.0	0.0	0.0
marine (life) science.....	0.5	0.2	0.1	0.7	0.5	0.7	0.1	0.5	0.3	0.3	0.0
microbiology or bacteriology.....	0.2	0.4	0.1	0.0	0.2	0.1	0.0	0.4	1.2	1.4	0.0
zoology.....	0.3	0.4	0.0	0.4	0.3	0.4	0.1	0.1	0.1	0.1	0.5
other biological sciences.....	0.3	0.4	0.3	0.3	0.2	0.0	0.3	0.4	0.2	0.1	0.4
Business											
accounting.....	7.1	8.0	3.6	8.9	5.2	4.3	6.9	5.9	4.1	3.6	7.9
business admin (general).....	8.2	10.8	7.1	6.4	8.0	7.9	6.4	9.1	8.7	8.7	8.8
finance.....	2.5	3.1	5.0	1.9	2.0	0.9	6.2	1.4	1.0	1.1	0.4
marketing.....	2.4	2.4	2.0	2.1	2.9	2.4	4.5	2.8	2.3	2.2	2.7
management.....	4.0	3.0	3.7	5.3	3.4	3.8	4.6	2.2	7.5	8.0	3.1
secretarial studies.....	0.2	0.0	0.0	0.3	0.2	0.3	0.2	0.2	2.5	2.5	2.0
other business.....	1.3	0.9	2.5	1.4	1.2	1.0	1.5	1.5	0.3	0.2	0.6
Education											
business education.....	0.1	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0
elementary education.....	4.1	2.4	0.5	6.8	3.7	2.7	5.4	4.4	5.9	6.0	4.8
music or art education.....	0.3	0.0	0.1	0.5	0.4	0.1	0.5	0.6	0.1	0.0	1.0
physical education or recreation.....	1.2	0.6	0.2	1.7	1.3	1.8	1.1	0.6	0.8	0.8	0.7
secondary education.....	1.7	1.6	0.5	2.1	1.6	0.7	0.9	3.4	2.6	2.8	1.0
special education.....	0.6	0.2	0.0	0.7	1.1	1.7	0.0	0.8	0.1	0.1	0.0
other education.....	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	1.0	1.1	0.5
Engineering											
aeronautical/astronautical eng..	1.9	2.7	1.4	2.4	0.5	0.8	0.1	0.3	4.2	4.8	0.0
civil engineering.....	0.5	0.7	0.1	0.4	0.5	0.6	0.6	0.3	0.8	0.7	0.8
chemical engineering.....	0.6	1.2	1.2	0.2	0.4	0.5	0.1	0.4	0.9	1.0	0.0
electrical/electronic eng.....	2.9	4.8	2.8	2.7	1.4	1.9	1.2	0.6	4.1	4.5	0.9
industrial engineering.....	0.1	0.1	0.0	0.0	0.2	0.2	0.0	0.3	0.6	0.5	1.4
mechanical engineering.....	1.8	3.3	3.3	1.3	0.6	0.9	0.5	0.3	2.4	2.6	1.2
other engineering.....	1.2	1.8	3.9	0.4	0.7	0.8	1.3	0.3	1.1	1.2	0.1

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Probable Major Reported in 1987											
Physical Sciences											
astronomy.....	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.0
atmospheric science.....	0.2	0.5	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.3	0.0
chemistry.....	0.7	0.5	1.1	0.4	1.1	1.3	0.5	1.1	0.3	0.3	0.0
earth science.....	0.1	0.2	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0
marine science.....	0.3	0.1	0.1	0.5	0.2	0.2	0.1	0.3	0.0	0.0	0.0
mathematics.....	1.1	1.1	0.9	1.5	0.7	0.4	0.8	1.1	0.3	0.3	0.2
physics.....	0.4	0.8	1.0	0.0	0.4	0.5	0.2	0.3	0.1	0.0	0.5
statistics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical sciences.....	0.1	0.1	0.0	0.0	0.1	0.2	0.2	0.0	0.1	0.1	0.0
Professional											
architecture or urban planning..	0.5	0.9	0.9	0.1	0.4	0.4	1.3	0.0	1.1	0.8	3.3
home economics.....	0.3	0.3	0.1	0.3	0.3	0.2	0.0	0.5	0.5	0.5	0.4
health technology.....	0.9	1.6	0.6	0.4	1.0	0.8	0.8	1.3	1.1	1.1	1.4
library or archival science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing.....	1.1	0.7	0.1	1.2	1.6	0.5	3.3	2.4	1.0	1.0	1.7
pharmacy.....	0.8	1.2	0.7	0.8	0.4	0.4	0.2	0.6	1.9	0.1	16.7
premed, premed, prevet.....	4.0	6.1	7.2	1.7	3.8	4.1	1.9	4.4	4.9	5.2	2.4
therapy (phys.occup,speech).....	2.1	2.4	0.9	2.6	1.5	0.6	2.0	2.6	1.9	1.9	1.1
other professional.....	0.9	1.5	0.2	0.3	1.2	1.5	1.4	0.8	1.5	1.5	1.5
Social Sciences											
anthropology.....	0.2	0.4	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0
economics.....	0.6	0.9	0.8	0.2	0.6	0.8	0.2	0.5	0.1	0.1	0.0
ethnic studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography.....	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
political science.....	3.4	2.1	10.1	2.2	4.2	4.6	4.7	3.3	0.9	1.0	0.5
psychology.....	5.4	4.9	2.9	5.8	6.2	5.4	5.8	7.8	3.0	2.9	3.9
social work.....	0.7	0.3	1.1	0.8	0.9	1.1	1.3	0.4	4.2	4.5	1.7
sociology.....	0.3	0.5	0.1	0.3	0.2	0.0	0.5	0.4	0.2	0.2	0.7
women's studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences.....	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Technical											
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.9	2.5
data processing,computer prog...	0.5	0.6	0.1	0.5	0.5	0.3	1.3	0.5	0.5	0.3	1.7
drafting or design.....	0.5	0.1	0.1	1.1	0.3	0.3	0.5	0.1	0.1	0.1	0.0
electronics.....	0.5	0.0	0.0	1.2	0.1	0.2	0.0	0.0	1.5	1.6	0.6
mechanics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.3
other technical.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0
Other Fields											
agriculture.....	0.2	0.4	0.0	0.2	0.0	0.0	0.0	0.0	2.1	2.0	3.6
communications.....	3.8	2.5	3.7	4.2	4.8	5.4	5.2	3.5	2.6	2.6	1.9
computer science.....	1.6	1.2	1.1	2.1	1.6	0.9	0.9	3.2	1.7	1.8	0.9
forestry.....	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4
law enforcement.....	1.7	1.1	0.0	2.0	2.6	1.4	0.5	5.7	1.1	0.9	2.8
military science.....	0.1	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0
other field.....	1.1	1.7	0.6	0.4	1.5	0.9	1.7	2.3	1.0	1.0	1.1
undecided.....	8.4	6.1	8.6	10.6	8.2	11.2	6.1	4.6	4.2	4.4	3.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Major Reported in 1989											
Arts and Humanities											
art, fine & applied.....	2.5	1.7	2.1	2.2	3.8	5.3	2.5	2.3	1.5	1.5	2.0
English (language & literature).....	3.6	3.2	3.8	2.2	5.6	7.3	4.3	3.8	0.8	0.6	2.4
history.....	2.6	1.6	4.9	2.6	3.0	2.7	2.5	3.9	0.6	0.7	0.4
journalism.....	2.0	2.4	2.3	1.9	1.5	1.2	1.3	2.0	0.8	0.9	0.0
language (except English).....	1.5	2.3	1.7	0.6	1.8	2.1	1.4	1.6	0.4	0.5	0.0
music.....	0.6	0.1	2.1	0.2	1.2	1.3	1.0	1.2	0.1	0.0	0.9
philosophy.....	0.5	0.4	1.4	0.0	1.0	1.2	0.3	1.0	0.0	0.0	0.0
speech.....	0.3	0.6	0.1	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0
theater or drama.....	0.9	0.6	0.9	1.3	0.8	0.7	1.8	0.5	0.0	0.0	0.0
theology or religion.....	0.4	0.1	0.2	0.0	1.4	2.2	0.0	0.9	0.0	0.0	0.0
other arts and humanities.....	0.6	0.5	0.7	0.6	0.6	0.7	1.2	0.3	0.1	0.0	0.7
Biological Sciences											
biology (general).....	4.6	3.8	3.2	3.2	7.6	6.6	3.4	11.3	1.4	1.6	0.3
biochemistry or biophysics.....	0.3	0.4	0.8	0.0	0.2	0.2	0.3	0.3	0.1	0.0	0.6
botany.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
marine (life) science.....	0.1	0.0	0.1	0.2	0.2	0.3	0.0	0.1	0.1	0.2	0.0
microbiology or bacteriology.....	0.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0
zoology.....	0.2	0.3	0.0	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.6
other biological sciences.....	0.6	1.3	0.3	0.1	0.4	0.2	0.1	0.8	0.4	0.4	0.0
Business											
accounting.....	6.0	5.8	4.3	7.2	5.2	4.0	14.2	2.7	4.3	4.0	6.6
business admin (general).....	3.8	4.4	4.0	2.3	4.8	3.5	4.0	7.2	15.0	15.8	8.2
finance.....	3.2	4.5	4.8	2.5	2.1	2.6	3.4	0.8	1.1	1.3	0.0
marketing.....	2.8	1.7	3.4	3.6	2.8	2.9	2.9	2.4	3.0	3.2	1.3
management.....	4.3	2.1	2.3	7.1	4.1	4.6	4.9	2.9	3.8	3.7	4.7
secretarial studies.....	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.3	1.3	1.2	1.6
other business.....	1.6	2.2	1.2	2.0	0.8	0.6	0.9	0.9	1.1	1.2	0.3
Education											
business education.....	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0
elementary education.....	5.2	3.0	0.9	7.9	5.8	5.5	4.8	6.7	3.2	3.2	3.0
music or art education.....	0.6	0.3	1.3	0.9	0.5	0.2	1.0	0.7	0.2	0.0	1.4
physical education or recreation.....	1.1	0.9	0.1	1.2	1.5	1.0	1.3	2.4	0.9	0.9	1.1
secondary education.....	1.6	1.6	0.3	1.6	1.9	1.1	1.8	3.1	2.1	2.1	2.3
special education.....	0.4	0.4	0.0	0.5	0.6	0.6	0.7	0.5	0.2	0.2	0.0
other education.....	0.7	1.0	0.0	1.1	0.3	0.1	0.0	0.5	0.2	0.2	0.6
Engineering											
aeronautical/astronautical eng..	0.9	1.1	1.1	1.4	0.0	0.0	0.0	0.0	1.2	1.3	0.0
civil engineering.....	0.7	1.0	0.9	0.7	0.2	0.1	0.9	0.1	1.5	1.6	1.0
chemical engineering.....	0.4	0.7	1.7	0.1	0.1	0.1	0.0	0.3	0.5	0.6	0.0
electrical/electronic eng.....	2.4	3.8	3.0	2.1	1.0	1.7	0.6	0.1	4.0	4.5	0.4
industrial engineering.....	0.3	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.2	0.2	0.0
mechanical engineering.....	1.8	4.1	1.2	0.9	0.5	0.7	0.3	0.3	1.7	1.6	2.6
other engineering.....	1.1	1.4	2.1	0.9	0.5	0.6	1.1	0.0	0.6	0.6	0.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Major Reported in 1989											
Physical Sciences											
astronomy.....	0.1	0.0	0.0	0.0	0.3	0.0	0.2	0.7	0.1	0.1	0.0
atmospheric science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0
chemistry.....	1.3	1.0	1.7	1.3	1.5	1.9	1.5	0.8	0.4	0.4	0.3
earth science.....	0.2	0.1	0.1	0.1	0.4	0.7	0.0	0.3	0.2	0.2	0.0
marine science.....	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mathematics.....	1.8	1.6	1.6	1.4	2.4	1.7	1.4	4.1	0.6	0.7	0.0
physics.....	0.4	0.6	0.4	0.2	0.6	0.7	0.7	0.3	0.1	0.0	0.6
statistics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical sciences.....	0.1	0.0	0.0	0.1	0.1	0.0	0.4	0.0	0.3	0.3	0.0
Professional											
architecture/urban planning.....	0.5	0.7	1.2	0.0	0.5	0.4	0.8	0.4	2.0	1.8	3.6
home economics.....	0.4	0.4	0.1	0.6	0.2	0.2	0.0	0.4	0.5	0.5	0.0
health technology.....	0.4	0.9	0.0	0.2	0.2	0.1	0.0	0.5	1.1	1.1	1.7
law.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
library or archival science.....	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0
nursing.....	1.6	1.5	0.2	2.2	1.4	0.7	2.9	1.8	1.9	2.1	0.6
pharmacy.....	0.5	1.0	0.3	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0
preudent,premed,prevet.....	1.2	1.5	0.2	1.2	1.0	1.0	0.5	1.2	4.9	5.6	0.0
therapy (phys,occupat,etc).....	1.2	1.9	1.0	0.7	0.9	0.2	1.7	1.7	1.5	1.6	1.1
other professional.....	0.8	1.3	0.2	0.8	0.5	0.7	0.5	0.0	1.1	0.8	3.4
Social Sciences											
anthropology.....	0.3	0.6	0.7	0.0	0.3	0.6	0.1	0.0	0.0	0.0	0.0
economics.....	1.3	1.3	4.5	0.2	1.6	1.9	1.8	1.2	1.5	1.7	0.0
ethnic studies.....	0.0	0.0	0.3	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
geography.....	0.3	0.6	0.0	0.2	0.1	0.2	0.0	0.1	0.2	0.2	0.0
political science.....	5.7	6.4	12.5	3.4	5.2	6.6	5.2	3.2	1.4	1.4	1.8
psychology.....	7.6	6.5	5.9	9.0	7.9	8.0	6.2	8.5	3.7	1.3	22.9
social work.....	0.8	0.3	0.1	0.7	1.5	1.6	0.2	2.1	5.7	6.3	1.2
sociology.....	1.7	1.7	1.3	2.0	1.5	1.7	1.1	1.4	0.3	0.1	1.4
women's studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences.....	0.6	1.1	0.9	0.1	0.6	0.6	0.2	0.8	0.1	0.2	0.0
Technical											
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	2.4
data processing,computer prog...	0.9	0.6	0.5	1.7	0.5	0.3	0.7	0.9	4.5	4.9	1.2
drafting or design.....	0.2	0.0	0.0	0.2	0.4	0.4	0.2	0.6	0.0	0.0	0.0
electronics.....	0.6	0.2	0.2	1.4	0.2	0.4	0.0	0.0	0.5	0.6	0.0
mechanics.....	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.5
other technical.....	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.5	0.5	0.0
Other Fields											
agriculture.....	0.4	1.0	0.0	0.2	0.2	0.1	0.0	0.4	2.2	1.9	4.3
communications.....	3.4	1.8	3.3	4.6	3.7	3.9	4.0	3.2	3.0	3.2	1.5
computer science.....	1.6	1.1	1.9	2.4	0.9	0.4	2.1	1.1	2.1	2.0	2.8
forestry.....	0.1	0.1	0.0	0.0	0.3	0.0	1.3	0.1	0.9	1.0	0.0
law enforcement.....	1.2	1.7	0.4	0.8	1.2	1.5	1.9	0.3	1.3	1.4	0.4
military science.....	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
other field.....	1.2	0.6	1.7	1.9	0.9	0.5	1.0	1.5	2.7	2.4	4.8
undecided.....	1.1	1.1	0.9	1.7	0.3	0.4	0.2	0.3	1.4	1.5	0.5

1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot			
Probable Graduate Major											
Arts and Humanities											
art, fine & applied.....	1.6	1.0	0.9	1.7	2.7	3.7	2.3	1.3	0.0	0.0	0.0
English (language & literature).....	2.7	1.7	2.2	3.9	2.8	3.2	3.1	2.0	0.9	0.9	0.7
history.....	1.0	0.2	1.5	1.7	0.9	0.8	1.3	1.0	0.1	0.0	0.6
journalism.....	1.1	1.0	0.8	0.6	1.9	2.6	1.1	1.2	0.9	1.1	0.0
language (except English).....	0.8	0.8	0.8	0.3	1.2	0.7	1.0	2.0	0.4	0.0	2.8
music.....	0.6	0.0	1.5	0.2	1.6	1.3	3.4	1.0	0.1	0.0	0.8
philosophy.....	0.2	0.0	0.3	0.2	0.2	0.3	0.0	0.3	0.0	0.0	0.0
speech.....	0.2	0.0	0.0	0.3	0.4	0.0	0.0	1.1	0.2	0.3	0.0
theater or drama.....	0.4	0.3	0.7	0.0	0.8	1.0	0.4	0.8	0.0	0.0	0.0
theology or religion.....	0.3	0.2	0.0	0.0	0.9	0.6	0.2	1.8	0.0	0.0	0.0
other arts and humanities.....	0.8	0.6	0.7	1.1	0.9	1.0	1.0	0.6	0.1	0.0	0.9
Biological Sciences											
biology (general).....	0.4	0.1	0.8	0.1	0.9	0.7	0.4	1.4	0.1	0.0	0.5
biochemistry or biophysics.....	0.3	0.4	0.4	0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.0
botany.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science.....	0.4	0.2	0.1	0.6	0.6	0.5	0.6	0.6	0.1	0.0	0.8
microbiology or bacteriology.....	0.7	0.7	0.3	1.2	0.3	0.4	0.2	0.2	0.0	0.0	0.0
zoology.....	0.5	1.1	0.0	0.3	0.1	0.0	0.0	0.4	0.2	0.3	0.0
other biological sciences.....	0.7	0.7	0.8	0.8	0.7	0.6	1.1	0.6	0.5	0.6	0.0
Business											
accounting.....	2.6	3.3	2.2	2.1	2.5	1.8	4.8	2.4	1.5	1.4	1.9
business admin (general).....	6.0	8.2	6.0	3.9	5.7	4.0	8.2	7.1	4.8	4.6	5.9
finance.....	3.4	3.7	4.2	4.3	2.0	2.2	3.5	0.9	1.2	1.4	0.0
marketing.....	2.1	1.2	0.8	3.1	2.6	3.4	2.2	1.6	2.3	2.1	3.7
management.....	3.7	3.5	3.4	4.6	3.0	3.0	2.5	3.3	2.3	1.8	5.1
secretarial studies.....	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0
other business.....	1.7	1.1	1.4	2.9	1.4	1.9	0.7	1.0	2.0	2.4	0.2
Education											
business education.....	0.4	0.8	0.3	0.2	0.2	0.0	0.0	0.7	0.1	0.0	1.0
elementary education.....	3.2	2.7	0.9	4.2	3.5	3.5	5.9	2.3	15.2	16.8	5.8
music or art education.....	0.5	0.7	1.6	0.2	0.3	0.2	0.0	0.7	0.3	0.0	1.8
physical education or recreation.....	0.6	0.2	0.0	1.1	0.6	0.4	0.0	1.2	1.0	1.1	0.0
secondary education.....	2.2	3.6	0.9	1.3	2.0	2.8	0.8	1.4	1.2	1.4	0.0
special education.....	1.2	0.8	0.5	1.6	1.5	1.3	2.4	1.6	0.1	0.0	0.8
other education.....	1.9	1.3	0.7	3.9	0.8	0.4	0.6	1.5	0.6	0.6	0.0
Engineering											
aeronautical/astronautical eng..	1.5	1.7	1.4	2.4	0.3	0.4	0.2	0.2	0.5	0.4	1.1
civil engineering.....	0.5	0.5	0.3	0.7	0.3	0.1	0.4	0.5	7.8	9.2	0.0
chemical engineering.....	0.4	0.7	1.1	0.1	0.2	0.2	0.2	0.1	0.4	0.5	0.0
electrical/electronic eng.....	1.3	1.7	1.8	1.0	1.0	1.8	0.5	0.0	1.4	1.7	0.0
industrial engineering.....	0.4	0.4	0.0	0.7	0.1	0.2	0.0	0.0	0.4	0.3	0.9
mechanical engineering.....	1.3	3.2	0.3	0.5	0.3	0.5	0.0	0.1	0.3	0.4	0.0
other engineering.....	1.0	0.7	1.9	1.0	1.0	1.5	1.0	0.2	0.3	0.3	0.7

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities		Pub	Four-year Colleges				All	Pub	Priv
		Pub	Priv		All Priv	Nons	Cath	Prot			
Probable Graduate Major											
Physical Sciences											
astronomy.....	0.2	0.1	0.0	0.1	0.5	0.0	0.4	1.2	0.1	0.2	0.0
atmospheric science.....	0.1	0.3	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
chemistry.....	0.8	0.6	0.6	0.7	1.1	1.0	1.3	1.1	0.0	0.0	0.0
earth science.....	0.1	0.0	0.2	0.0	0.4	0.5	0.0	0.5	0.0	0.0	0.0
marine science.....	0.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mathematics.....	0.7	0.6	0.7	0.7	0.9	0.9	0.3	1.3	0.8	0.9	0.0
physics.....	0.6	1.2	0.4	0.2	0.4	0.6	0.3	0.2	0.1	0.0	0.9
statistics.....	0.2	0.2	0.4	0.1	0.3	0.1	0.3	0.6	0.3	0.3	0.0
other physical sciences.....	0.1	0.0	0.0	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Professional											
architecture/urban planning.....	0.7	1.1	0.9	0.7	0.1	0.2	0.1	0.0	1.6	1.2	3.8
home economics.....	0.2	0.6	0.0	0.0	0.2	0.0	0.0	0.6	0.4	0.5	0.0
health technology.....	2.2	2.7	1.8	1.8	2.4	3.9	0.8	0.8	0.9	1.1	0.0
law.....	10.4	10.7	20.9	5.5	11.2	9.8	14.7	11.7	4.5	4.9	1.9
library or archival science.....	0.4	0.3	0.0	0.3	0.9	0.7	0.2	1.5	0.0	0.0	0.0
nursing.....	1.0	0.5	0.0	2.0	1.0	0.5	1.8	1.3	2.9	3.0	2.3
pharmacy.....	0.7	0.8	0.7	1.0	0.3	0.3	0.5	0.3	0.1	0.0	0.4
premed, premed, prevet.....	3.9	4.9	3.5	1.1	5.8	6.2	2.6	7.0	0.7	0.9	0.0
therapy (phys, occupat, etc).....	2.5	2.3	2.4	2.6	2.6	1.1	3.0	4.7	2.6	2.6	2.5
other professional.....	1.9	3.1	0.6	1.5	1.4	1.4	0.3	2.0	1.9	2.2	0.7
Social Sciences											
anthropology.....	0.3	0.3	0.6	0.1	0.3	0.5	0.0	0.3	0.0	0.0	0.0
economics.....	0.4	0.0	0.8	0.1	0.9	0.8	0.9	0.9	1.4	1.6	0.0
ethnic studies.....	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography.....	0.2	0.6	0.0	0.0	0.2	0.3	0.0	0.2	0.0	0.0	0.0
political science.....	1.9	1.0	6.0	1.5	1.9	2.2	3.2	0.9	1.9	2.3	0.0
psychology.....	7.5	6.2	4.8	7.8	9.8	10.6	6.5	10.2	5.8	1.2	32.5
social work.....	1.6	1.1	0.9	1.8	2.2	1.7	2.7	2.7	2.7	2.8	2.0
sociology.....	2.3	0.6	0.3	6.8	0.4	0.2	0.2	0.9	0.4	0.5	0.0
women's studies.....	0.1	0.2	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0
other social sciences.....	0.6	1.0	0.5	0.3	0.3	0.3	0.2	0.3	1.6	1.8	0.9
Technical											
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	2.6
data processing, computer prog...	0.6	0.7	0.0	0.8	0.4	0.4	0.9	0.3	0.6	0.7	0.0
drafting or design.....	0.1	0.0	0.0	0.2	0.1	0.0	0.3	0.0	0.6	0.7	0.0
electronics.....	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0
mechanics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0
other technical.....	0.1	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.1	0.0	1.0
Other Fields											
agriculture.....	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.7	0.0
communications.....	1.6	0.9	2.6	2.2	1.3	1.6	1.0	0.9	1.0	0.5	3.9
computer science.....	0.9	0.8	1.1	1.4	0.6	0.8	0.4	0.2	1.4	1.0	4.1
forestry.....	0.1	0.0	0.0	0.0	0.4	0.0	2.0	0.2	1.2	0.9	2.5
law enforcement.....	1.1	2.2	0.2	0.5	0.6	1.2	0.0	0.0	0.3	0.4	0.0
military science.....	0.2	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field.....	0.9	1.1	0.9	0.5	1.2	0.7	1.8	1.5	1.4	1.7	0.0
undecided.....	3.6	3.4	5.5	3.5	3.2	3.6	3.5	2.5	12.9	14.7	2.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All		Nons	Cath	Prot	All	Pub	Priv
		Pub	Priv		Priv	Pub						
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1987)												
Studying/Homework												
none.....	0.6	0.3	0.7	0.6	1.0	1.1	0.7	1.1		0.4	0.4	0.4
less than one.....	7.0	8.3	4.4	7.0	6.5	7.3	5.1	6.0		7.0	7.3	4.8
1 - 2.....	14.2	11.3	11.4	18.4	13.0	12.8	16.1	11.8		25.1	25.1	24.6
3 - 5.....	28.2	30.6	20.6	28.5	27.6	22.8	31.4	33.1		23.1	22.6	26.7
6 - 10.....	28.6	30.5	26.4	28.0	27.9	28.8	25.8	27.6		30.9	32.5	20.4
11 - 15.....	12.3	12.0	19.8	9.5	13.6	15.2	13.3	11.3		8.7	9.0	6.9
16 - 20.....	5.3	4.6	9.2	3.8	6.6	7.8	4.9	5.6		3.4	1.7	15.4
over 20.....	3.8	2.3	7.5	4.1	3.7	4.2	2.7	3.5		1.3	1.4	0.7
Socializing with Friends												
none.....	0.1	0.1	0.1	0.0	0.1	0.2	0.1	0.2		0.4	0.5	0.0
less than one.....	0.8	0.8	0.7	1.0	0.6	0.7	0.7	0.5		0.9	1.0	0.3
1 - 2.....	3.1	2.0	2.5	4.3	2.9	2.7	2.7	3.4		2.2	2.2	2.2
3 - 5.....	13.9	12.9	15.4	13.6	14.7	14.5	12.6	16.2		21.8	22.1	19.5
6 - 10.....	22.6	24.5	26.2	20.4	22.3	20.2	22.5	25.4		17.9	18.0	17.1
11 - 15.....	21.7	21.6	20.1	21.9	21.9	23.7	21.8	19.1		20.8	22.2	11.2
16 - 20.....	15.5	15.3	15.9	17.2	13.5	12.9	13.4	14.5		10.4	10.4	10.5
over 20.....	22.4	22.8	19.2	21.6	23.9	25.1	26.3	20.7		25.6	23.6	39.1
Talk with Teacher Outside Class												
none.....	5.9	6.4	5.2	7.5	3.6	2.7	4.7	4.5		8.3	7.5	13.3
less than one.....	36.9	38.2	28.4	41.9	32.2	32.0	34.2	31.3		37.5	39.6	23.0
1 - 2.....	32.2	29.7	37.3	29.0	36.9	37.4	32.8	38.4		24.6	24.3	26.8
3 - 5.....	17.1	17.4	21.5	14.5	18.3	17.9	16.5	19.9		23.2	24.4	15.4
6 - 10.....	5.4	6.4	5.6	4.4	5.6	6.2	6.6	4.1		5.2	3.1	19.2
11 - 15.....	1.3	1.2	1.7	1.3	1.4	1.4	2.0	1.1		0.5	0.5	0.3
16 - 20.....	0.8	0.6	0.2	0.8	1.2	1.5	1.9	0.2		0.2	0.2	0.3
over 20.....	0.4	0.0	0.1	0.5	0.8	0.8	1.3	0.4		0.6	0.4	1.7
Exercising/Sports												
none.....	3.1	2.2	3.0	3.9	3.1	3.4	3.2	2.5		6.5	6.9	3.5
less than one.....	8.7	7.2	8.7	10.4	8.3	8.4	10.1	7.4		8.4	7.7	13.4
1 - 2.....	16.0	16.1	14.9	15.9	16.4	15.4	14.4	19.2		14.2	12.8	23.8
3 - 5.....	21.6	22.2	21.5	21.9	20.6	21.9	13.9	22.1		22.6	23.9	13.9
6 - 10.....	19.0	21.6	17.3	17.7	18.3	20.9	21.8	12.5		19.6	18.4	27.3
11 - 15.....	12.3	13.7	15.9	9.8	12.7	11.6	11.7	15.0		14.1	15.0	8.0
16 - 20.....	7.3	7.9	7.4	6.0	8.2	7.0	12.9	7.5		7.2	7.7	3.8
over 20.....	12.0	9.1	11.2	14.5	12.3	11.5	12.0	13.8		7.4	7.6	6.5
Partying												
none.....	12.9	9.7	12.2	14.3	14.7	15.3	11.4	15.5		11.0	10.7	13.1
less than one.....	11.1	11.4	11.2	9.1	13.2	11.8	8.9	17.7		11.4	11.5	11.0
1 - 2.....	15.5	12.1	17.4	16.8	16.8	18.0	14.3	16.4		17.8	18.6	12.2
3 - 5.....	23.9	26.7	23.9	21.6	23.6	24.1	22.4	23.6		22.9	23.0	22.8
6 - 10.....	19.2	23.4	21.6	18.3	15.5	15.9	22.6	11.0		16.0	14.7	24.6
11 - 15.....	7.4	8.4	6.2	7.6	6.6	4.9	5.7	9.8		14.1	14.9	8.6
16 - 20.....	4.6	3.8	4.6	6.1	3.6	3.8	4.1	3.0		2.6	2.4	4.0
over 20.....	5.4	4.7	3.0	6.2	6.0	6.3	10.5	3.0		4.2	4.2	3.7

1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1987)												
Working (for Pay)												
none.....	26.6	26.0	36.9	21.5	29.9	28.5	26.2	34.1	23.7	21.7	36.7	
less than one.....	2.9	4.7	2.6	1.8	2.5	2.5	1.5	3.0	1.1	1.1	0.7	
1 - 2.....	4.4	5.9	2.6	3.9	4.0	4.9	2.5	3.2	5.3	6.0	0.8	
3 - 5.....	6.3	4.5	7.3	6.0	8.2	6.7	8.0	10.5	5.2	5.1	5.6	
6 - 10.....	10.0	7.8	11.1	11.1	10.5	12.5	10.4	7.5	17.3	18.2	11.7	
11 - 15.....	13.7	15.1	13.7	13.8	12.0	11.3	13.7	12.2	11.1	11.3	9.9	
16 - 20.....	15.9	15.2	13.1	18.3	14.7	13.5	19.1	14.3	14.6	14.4	15.9	
over 20.....	20.3	20.8	12.8	23.6	18.2	20.0	18.5	15.1	21.7	22.2	18.6	
Volunteer Work												
none.....	56.9	59.6	45.6	60.4	53.5	53.5	47.5	56.7	56.9	56.4	60.1	
less than one.....	15.5	15.0	15.7	16.3	15.1	14.3	17.4	15.1	15.9	15.5	19.0	
1 - 2.....	14.3	12.7	23.0	12.8	15.1	15.0	17.2	14.2	10.4	10.0	13.2	
3 - 5.....	7.1	6.7	11.1	4.9	9.0	9.5	9.2	8.2	11.4	12.3	5.0	
6 - 10.....	3.3	2.0	3.3	3.6	4.4	5.4	4.2	2.8	4.1	4.5	1.2	
11 - 15.....	1.1	1.6	0.6	1.0	1.0	1.2	1.7	0.4	0.6	0.6	0.7	
16 - 20.....	0.9	1.6	0.3	0.4	0.8	0.5	1.9	0.6	0.2	0.3	0.0	
over 20.....	0.8	0.9	0.4	0.6	1.1	0.6	0.8	2.0	0.5	0.4	0.9	
Student Clubs/Groups												
none.....	27.2	24.4	16.5	33.1	26.4	24.2	28.9	28.4	37.2	38.2	30.1	
less than one.....	13.4	12.7	9.7	16.7	11.5	12.7	8.5	11.2	11.4	11.4	11.6	
1 - 2.....	22.6	23.3	25.7	20.6	23.4	23.4	27.1	21.4	20.9	21.2	18.5	
3 - 5.....	18.6	21.9	24.3	14.5	18.4	19.0	18.9	17.2	17.8	16.6	26.5	
6 - 10.....	10.5	10.6	12.4	9.6	11.0	10.3	9.9	12.6	5.0	4.9	5.3	
11 - 15.....	3.5	2.5	6.5	2.7	4.8	5.1	4.8	4.3	2.4	2.3	3.3	
16 - 20.....	1.9	2.7	2.0	0.8	2.3	3.4	0.7	1.5	4.3	4.6	2.1	
over 20.....	2.2	2.0	3.1	2.1	2.3	2.0	1.2	3.5	1.0	0.8	2.6	
Watching TV												
none.....	4.2	5.1	5.3	3.3	4.2	4.8	3.3	3.8	1.5	1.3	2.9	
less than one.....	13.7	17.5	13.9	11.0	12.9	13.2	10.0	14.0	8.0	7.9	8.8	
1 - 2.....	22.7	22.9	22.1	23.9	21.3	18.1	21.5	26.0	26.3	28.4	12.0	
3 - 5.....	29.0	24.7	32.6	31.0	29.9	32.1	32.4	25.2	29.2	31.2	14.8	
6 - 10.....	15.8	16.3	14.0	14.5	17.5	15.7	20.0	18.8	16.6	15.0	27.9	
11 - 15.....	6.7	6.3	6.4	7.1	6.8	7.2	4.0	7.7	11.7	9.6	26.4	
16 - 20.....	3.3	3.4	2.4	3.6	3.3	3.8	4.7	1.8	2.9	2.9	3.0	
over 20.....	4.4	3.9	3.3	5.5	4.1	5.1	4.1	2.7	3.7	3.6	4.3	
Hobbies												
none.....	10.2	9.9	7.0	12.3	8.9	7.3	6.4	12.5	5.9	5.6	8.0	
less than one.....	13.1	17.6	13.3	11.0	11.1	10.7	10.9	11.8	7.6	7.7	7.1	
1 - 2.....	25.1	22.7	26.9	26.4	25.5	23.8	25.1	28.4	27.7	29.3	16.1	
3 - 5.....	25.6	25.6	27.1	24.8	26.0	27.6	26.1	23.4	26.8	26.4	29.3	
6 - 10.....	14.6	13.7	15.9	14.4	15.4	16.4	17.2	13.0	20.0	19.1	26.1	
11 - 15.....	5.5	5.0	4.6	5.1	6.9	7.8	5.9	6.2	7.5	7.9	4.8	
16 - 20.....	1.8	1.6	2.5	1.4	2.3	2.0	3.3	2.3	2.1	2.0	3.0	
over 20.....	4.1	3.9	2.7	4.7	3.9	4.4	5.1	2.6	2.4	2.0	5.5	

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot		All	Pub	Priv
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1989)												
Classes/Labs												
none.....	0.6	0.4	0.0	0.2	1.6	2.3	1.1	0.7		1.6	1.6	2.3
less than one.....	0.6	0.4	0.0	0.7	0.7	0.5	0.6	1.0		2.4	2.4	1.8
1 - 2.....	2.6	1.5	2.3	3.8	2.3	2.8	1.4	2.0		3.0	2.9	3.6
3 - 5.....	6.7	8.0	2.1	7.5	5.5	5.7	6.7	4.7		9.7	9.9	7.6
6 - 10.....	9.4	6.6	7.9	9.9	12.2	11.2	10.2	14.7		9.1	7.1	25.6
11 - 15.....	30.3	35.5	33.8	26.2	28.7	29.6	29.5	27.0		30.4	32.2	14.4
16 - 20.....	36.6	36.4	37.5	39.2	33.5	31.7	35.1	35.4		29.5	30.2	23.2
over 20.....	13.2	11.1	16.4	12.4	15.6	16.2	15.4	14.6		14.4	13.6	21.5
Studying/Homework												
none.....	0.3	0.1	0.0	0.1	0.8	1.5	0.0	0.0		0.3	0.4	0.0
less than one.....	1.4	0.3	0.2	3.5	0.2	0.2	0.5	0.0		7.3	7.8	3.1
1 - 2.....	3.6	3.1	2.9	3.6	4.4	6.7	4.2	0.7		5.0	4.9	5.4
3 - 5.....	18.7	20.7	14.9	19.0	17.3	15.0	15.2	22.1		24.4	24.2	26.1
6 - 10.....	29.5	28.9	23.9	32.2	28.3	27.2	31.0	28.6		25.2	23.9	35.9
11 - 15.....	20.7	20.5	22.5	19.8	21.6	22.1	21.3	21.1		15.4	15.3	15.6
16 - 20.....	11.6	12.8	12.8	9.7	12.5	12.5	16.6	10.5		11.6	12.2	7.0
over 20.....	14.2	13.7	22.8	12.0	14.9	14.7	11.2	17.0		10.8	11.3	6.8
Socializing with Friends												
none.....	0.4	0.3	0.1	0.4	0.4	0.7	0.0	0.1		1.4	1.5	0.0
less than one.....	0.5	0.2	0.4	0.7	0.7	0.8	1.7	0.0		1.4	1.4	1.7
1 - 2.....	4.2	3.7	2.2	5.1	4.3	6.2	2.9	1.9		16.0	16.7	10.1
3 - 5.....	16.1	12.0	14.4	21.4	14.3	14.5	14.2	14.1		18.8	16.8	36.0
6 - 10.....	25.0	25.7	27.0	24.0	24.9	25.9	22.3	24.7		24.8	25.3	20.1
11 - 15.....	20.7	23.2	20.9	20.7	18.0	14.0	27.0	19.5		15.3	16.0	9.8
16 - 20.....	12.2	13.0	14.8	9.4	14.1	12.6	8.2	19.4		10.8	11.3	7.1
over 20.....	20.9	21.9	20.2	18.3	23.4	25.3	23.8	20.3		11.5	11.0	15.3
Talk with Faculty Outside Class												
none.....	10.9	16.3	9.5	10.0	6.6	8.4	4.4	5.1		9.6	10.1	5.8
less than one.....	47.0	51.8	51.7	46.8	40.9	40.6	40.6	41.5		45.5	45.9	42.5
1 - 2.....	31.9	25.3	31.2	34.0	36.5	34.4	40.6	37.6		28.3	27.8	32.0
3 - 5.....	8.7	5.6	7.2	7.8	13.4	13.8	12.6	13.4		13.5	13.0	17.7
6 - 10.....	1.2	1.1	0.1	1.1	1.8	1.7	1.6	2.1		1.9	2.1	0.9
11 - 15.....	0.2	0.0	0.2	0.1	0.5	0.9	0.0	0.2		0.4	0.3	1.0
16 - 20.....	0.1	0.0	0.2	0.0	0.1	0.2	0.1	0.0		0.2	0.3	0.0
over 20.....	0.1	0.0	0.0	0.2	0.0	0.1	0.0	0.0		0.4	0.5	0.0
Exercising/Sports												
none.....	5.2	5.8	4.7	5.2	4.8	6.0	3.1	3.9		15.5	16.2	9.6
less than one.....	14.6	15.2	11.2	17.3	11.6	12.1	12.9	10.3		19.9	17.9	36.5
1 - 2.....	22.7	24.3	19.5	21.0	24.0	23.5	23.4	25.0		26.2	27.4	16.0
3 - 5.....	27.2	25.3	30.1	29.9	25.2	24.5	23.0	27.5		20.7	20.0	27.1
6 - 10.....	17.5	18.6	19.8	14.9	18.9	20.6	22.9	14.1		11.3	11.6	9.4
11 - 15.....	5.7	4.6	6.2	5.1	7.3	6.2	7.8	8.7		4.1	4.5	0.5
16 - 20.....	2.4	2.1	3.3	1.9	3.1	4.0	1.4	2.6		1.2	1.3	0.0
over 20.....	4.7	3.9	5.2	4.9	5.1	3.1	5.5	7.9		1.1	1.1	0.9

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1989)											
Reading for Pleasure											
none.....	27.1	28.5	26.6	27.9	24.9	24.6	22.1	26.9	28.5	26.8	42.8
less than one.....	29.3	28.0	28.8	30.1	29.6	25.9	34.5	33.0	30.8	31.7	23.3
1 - 2.....	25.0	26.1	26.1	22.5	26.6	26.6	24.4	27.7	19.3	19.3	19.0
3 - 5.....	12.9	12.7	12.9	12.1	14.0	17.1	13.8	9.3	12.7	13.0	10.1
6 - 10.....	4.3	2.9	4.0	5.9	3.6	4.4	3.8	2.2	7.4	7.8	3.5
11 - 15.....	1.0	1.0	1.0	1.0	0.9	1.2	0.6	0.6	0.5	0.5	0.7
16 - 20.....	0.3	0.4	0.3	0.3	0.2	0.1	0.4	0.1	0.6	0.7	0.0
over 20.....	0.2	0.3	0.2	0.2	0.1	0.1	0.3	0.1	0.2	0.2	0.6
Using a Personal Computer											
none.....	37.4	42.7	25.5	37.1	35.6	34.5	31.8	39.4	44.2	46.0	28.7
less than one.....	19.2	18.8	20.4	21.4	16.7	15.0	22.5	16.4	15.2	12.8	34.9
1 - 2.....	19.4	17.2	23.9	19.5	20.2	21.8	18.3	18.6	13.9	13.8	15.1
3 - 5.....	15.1	13.3	19.3	14.1	17.1	17.4	19.0	15.6	17.5	18.0	13.9
6 - 10.....	5.5	5.3	6.7	4.8	6.1	6.3	3.3	7.1	4.9	5.0	3.7
11 - 15.....	1.7	1.4	2.2	1.5	2.1	2.6	0.8	2.0	1.7	1.7	2.1
16 - 20.....	0.9	0.8	1.2	0.7	1.3	1.2	3.7	0.3	0.7	0.7	0.5
over 20.....	0.8	0.4	0.8	1.0	0.9	1.2	0.6	0.6	1.9	2.0	0.9
Partying											
none.....	13.3	11.4	10.2	11.8	18.2	20.7	11.6	17.7	28.3	29.0	22.9
less than one.....	9.5	7.0	8.5	10.3	11.5	11.1	7.8	14.0	18.2	18.8	13.2
1 - 2.....	14.9	12.8	15.5	17.4	14.1	14.1	15.0	13.4	13.9	12.1	28.7
3 - 5.....	28.1	32.4	30.2	26.9	24.4	24.8	22.1	24.9	16.6	16.8	15.1
6 - 10.....	19.6	20.9	22.5	19.0	18.0	17.9	25.0	14.5	14.2	14.9	8.6
11 - 15.....	7.4	7.9	6.3	7.2	7.5	5.4	9.9	9.5	4.3	4.4	3.4
16 - 20.....	3.6	3.6	2.5	4.8	2.5	1.6	5.5	2.2	1.7	1.3	5.0
over 20.....	3.6	4.0	4.3	2.8	3.9	4.3	3.1	3.7	2.8	2.7	3.1
Working (for Pay)											
none.....	35.6	38.1	38.4	36.0	31.6	34.9	27.2	28.9	30.1	30.5	26.4
less than one.....	1.3	1.2	2.2	1.0	1.5	1.8	1.1	1.1	1.5	1.3	3.1
1 - 2.....	1.9	2.1	2.6	1.0	2.7	3.0	2.6	2.3	5.1	5.2	4.0
3 - 5.....	5.5	4.6	8.4	3.5	8.3	8.1	10.7	7.3	3.9	4.1	2.0
6 - 10.....	16.0	13.6	19.2	12.2	22.3	17.1	23.3	30.0	10.3	10.2	11.4
11 - 15.....	13.9	11.9	13.5	16.5	13.0	14.2	12.1	11.7	12.0	9.9	29.8
16 - 20.....	11.2	11.6	10.7	12.0	10.0	10.5	10.2	9.1	10.9	11.1	9.2
over 20.....	14.5	16.8	5.1	18.0	10.6	10.4	12.9	9.5	26.2	27.6	14.1
Volunteer Work											
none.....	65.9	69.6	60.7	68.0	60.8	62.4	61.0	58.2	69.5	68.8	75.1
less than one.....	13.4	12.2	14.7	13.5	14.0	13.0	12.9	16.0	11.1	11.4	8.3
1 - 2.....	11.1	8.8	13.4	10.5	13.7	13.5	15.0	13.3	9.6	9.5	10.9
3 - 5.....	6.4	7.3	8.1	4.5	7.3	7.8	8.0	6.2	7.0	7.4	4.1
6 - 10.....	2.2	1.3	2.1	2.8	2.4	2.8	1.5	2.3	1.8	2.0	0.0
11 - 15.....	0.4	0.4	0.8	0.3	0.3	0.3	0.2	0.4	0.7	0.7	0.4
16 - 20.....	0.1	0.0	0.0	0.1	0.2	0.2	0.0	0.4	0.0	0.0	0.0
over 20.....	0.6	0.4	0.2	0.2	1.3	0.0	1.4	3.2	0.4	0.3	1.2

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1989)											
Student Clubs/Groups											
none.....	42.0	47.5	31.1	45.6	35.0	38.1	33.6	30.9	65.1	65.5	61.7
less than one.....	11.5	10.3	8.1	13.5	11.2	9.4	13.5	12.9	11.9	11.9	11.9
1 - 2.....	21.4	17.6	25.3	20.3	25.4	25.7	29.8	22.8	11.2	10.7	15.8
3 - 5.....	16.2	15.7	21.3	11.8	20.6	19.3	16.8	24.7	7.7	8.1	4.1
6 - 10.....	5.5	5.5	8.9	5.3	4.8	4.0	4.9	6.0	2.4	2.2	3.8
11 - 15.....	1.8	1.7	2.7	1.9	1.6	1.8	1.1	1.5	1.2	1.2	1.6
16 - 20.....	0.7	0.6	1.3	0.9	0.3	0.3	0.2	0.5	0.2	0.3	0.0
over 20.....	1.0	1.2	1.5	0.7	1.0	1.5	0.0	0.8	0.3	0.2	1.0
Watching TV											
none.....	10.8	9.5	14.4	9.1	13.0	15.0	8.4	12.3	4.4	3.9	8.7
less than one.....	13.1	12.3	19.7	10.1	15.7	13.7	12.8	20.2	21.5	23.0	9.2
1 - 2.....	19.7	19.8	20.5	19.2	20.0	19.7	21.5	19.7	20.7	20.9	19.1
3 - 5.....	30.4	31.3	25.2	35.1	25.4	23.9	29.7	25.6	26.7	25.4	37.9
6 - 10.....	14.3	13.6	14.7	13.9	15.4	14.9	21.1	13.1	17.2	17.9	10.9
11 - 15.....	6.2	7.6	3.3	7.1	4.3	6.6	2.0	1.7	4.1	3.7	6.9
16 - 20.....	1.9	2.6	0.8	0.7	2.9	4.6	1.3	1.1	3.0	3.2	1.5
over 20.....	3.7	3.4	1.3	4.8	3.3	1.5	3.1	6.1	2.4	2.0	5.9
Communting to Campus											
none.....	56.7	49.0	67.2	53.3	65.9	65.8	60.7	68.7	26.2	24.6	39.8
less than one.....	13.2	13.7	11.5	14.9	11.0	9.9	11.9	12.4	11.0	11.1	10.4
1 - 2.....	11.0	15.4	9.9	9.9	8.0	7.7	11.4	6.7	19.1	19.8	13.3
3 - 5.....	11.2	12.8	6.6	13.2	8.3	9.4	10.2	5.5	30.2	30.3	29.7
6 - 10.....	6.8	8.4	3.8	6.5	6.2	6.8	4.4	6.3	11.7	12.7	3.6
11 - 15.....	0.4	0.2	0.7	0.4	0.4	0.4	0.5	0.3	0.9	0.8	1.9
16 - 20.....	0.3	0.4	0.1	0.6	0.0	0.0	0.0	0.0	0.3	0.3	0.7
over 20.....	0.5	0.1	0.3	1.1	0.2	0.0	1.0	0.1	0.6	0.6	0.6
Religious Services/Meetings											
none.....	54.6	57.7	46.1	61.4	45.7	48.4	34.3	47.5	59.4	60.4	51.2
less than one.....	13.8	15.6	14.9	12.0	13.7	12.7	19.4	12.4	13.5	13.3	15.0
1 - 2.....	23.0	20.9	31.8	21.1	24.8	20.8	38.8	23.7	22.3	22.2	22.8
3 - 5.....	6.7	4.8	5.5	3.6	12.9	15.1	5.1	13.4	3.4	2.8	8.5
6 - 10.....	1.4	0.9	1.0	1.4	2.2	2.8	0.9	1.9	1.0	0.8	2.5
11 - 15.....	0.3	0.0	0.4	0.4	0.4	0.2	0.4	0.8	0.4	0.4	0.0
16 - 20.....	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.3	0.0	0.0	0.0
over 20.....	0.1	0.0	0.2	0.0	0.2	0.0	1.0	0.0	0.0	0.0	0.0
Hobbies											
none.....	24.6	23.2	27.8	25.7	23.7	26.1	17.2	23.4	23.5	24.5	15.3
less than one.....	18.7	19.5	22.3	15.6	20.6	18.6	26.2	20.9	21.9	20.5	33.4
1 - 2.....	29.3	31.1	27.4	29.6	27.6	27.8	27.0	27.7	29.3	29.8	25.3
3 - 5.....	17.5	15.7	14.8	20.4	16.6	16.5	17.4	16.4	16.4	16.8	13.0
6 - 10.....	6.0	7.2	5.4	4.6	6.8	5.0	9.8	8.0	5.0	4.6	8.0
11 - 15.....	1.7	1.4	1.3	1.6	2.4	4.0	0.8	0.6	2.1	2.0	2.5
16 - 20.....	1.3	1.2	0.4	2.0	0.7	1.2	0.3	0.1	0.8	0.7	0.8
over 20.....	0.8	0.6	0.5	0.4	1.6	0.8	1.3	2.9	1.1	1.0	1.7

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Year Graduated from High school												
1987.....	94.9	96.7	99.5	90.7	96.4	94.9	98.0	98.2		94.0	93.9	94.1
1986.....	3.7	2.8	0.5	7.4	1.3	2.0	0.0	0.6		3.7	3.9	2.4
1985.....	0.3	0.0	0.0	0.9	0.2	0.0	1.1	0.0		0.3	0.3	0.0
1984 or earlier.....	1.0	0.5	0.0	1.0	1.9	3.0	0.6	0.7		2.0	1.9	2.5
H.S. equivalency (G.E.D. test)...	0.1	0.0	0.0	0.0	0.2	0.0	0.3	0.5		0.1	0.0	0.9
never completed high school.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Age on December 31, 1989												
18 or younger.....	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0		0.0	0.0	0.0
19.....	1.8	2.0	4.2	0.9	1.6	1.0	2.3	2.3		1.0	1.1	0.0
20.....	70.5	77.2	78.2	62.0	70.6	73.2	56.5	73.4		77.4	78.4	68.2
21.....	25.4	19.8	16.8	34.9	23.1	18.9	39.1	22.1		16.7	15.6	26.3
22.....	1.0	0.6	0.9	0.9	1.8	2.3	1.5	1.0		3.1	3.2	2.1
23-26.....	1.0	0.3	0.0	0.5	2.8	4.4	0.6	1.2		0.2	0.0	2.5
27-31.....	0.2	0.2	0.0	0.3	0.0	0.0	0.0	0.0		1.5	1.6	0.9
32-41.....	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0		0.0	0.0	0.0
42-56.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
57 or older.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Racial Background (1)												
White/Caucasian.....	88.0	89.6	85.2	86.1	89.3	85.7	96.5	92.0		88.3	88.7	84.2
Black/Negro/Afro-American.....	6.7	1.6	2.8	11.4	8.3	11.9	1.0	5.8		3.4	2.5	11.6
American Indian.....	0.3	0.5	0.0	0.3	0.2	0.3	0.2	0.1		0.1	0.2	0.0
Asian-American/Oriental.....	2.8	3.9	5.5	1.7	1.8	1.6	2.0	2.1		1.2	1.3	0.8
Mexican-American/Chicano.....	1.3	2.2	3.4	0.6	0.4	0.7	0.0	0.1		0.1	0.0	0.8
Puerto Rican-American.....	1.0	2.1	2.3	0.0	0.4	0.7	0.3	0.0		7.1	7.6	2.5
other.....	1.1	1.1	2.5	0.3	1.7	1.9	1.2	1.6		1.6	1.8	0.0
Miles from Home to College												
5 or less.....	4.6	6.1	3.1	3.5	4.9	2.5	4.4	9.3		15.5	17.0	1.7
6-10.....	4.9	4.8	6.2	4.4	5.3	3.6	10.6	5.7		14.0	14.8	6.4
11-50.....	25.1	23.2	13.1	33.6	20.9	20.9	32.4	15.0		38.2	39.4	27.3
51-100.....	15.9	17.7	7.5	18.2	14.1	8.8	14.7	22.8		17.0	16.7	19.3
101-500.....	35.6	37.5	35.5	31.8	38.2	40.9	28.4	38.4		13.1	10.8	34.5
more than 500.....	13.9	10.8	34.6	8.5	16.6	23.3	9.5	8.8		2.3	1.4	10.7
Status of Parents in 1987												
married-living with each other..	77.3	84.3	80.2	70.0	77.4	79.4	69.1	78.4		74.6	74.2	78.4
divorced or separated.....	18.3	11.6	16.2	25.3	18.1	17.4	28.3	14.1		22.0	22.2	19.8
one or both deceased.....	4.4	4.2	3.6	4.7	4.5	3.2	2.6	7.5		3.4	3.6	1.8
Student's Marital Status in 1989												
not presently married.....	99.6	99.5	99.8	99.4	99.8	100.0	99.5	99.7		98.4	98.4	98.9
married, living with spouse.....	0.4	0.5	0.2	0.6	0.2	0.0	0.5	0.3		1.1	1.1	1.1
married, not living with spouse..	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.5	0.5	0.0

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**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Average High School Grade												
A or A+.....	12.6	16.9	31.1	5.7	9.7	11.3	4.8	9.4		3.6	3.7	3.1
A.....	11.9	16.5	17.1	7.4	10.3	10.6	8.7	10.8		6.1	6.2	5.5
B+.....	18.6	23.0	29.2	14.1	15.2	15.8	18.4	12.7		17.8	18.8	8.7
B.....	19.1	16.8	15.5	19.1	23.0	25.2	19.8	21.0		17.3	18.4	7.8
B-.....	20.5	18.2	4.8	27.0	20.7	17.5	28.1	22.2		20.8	20.4	24.7
C+.....	12.0	5.9	1.9	18.7	14.5	12.5	14.6	17.8		15.0	14.9	15.5
C.....	5.0	2.7	0.3	7.2	6.6	7.1	5.7	6.2		19.1	17.6	32.6
D.....	0.3	0.1	0.0	0.8	0.0	0.0	0.0	0.0		0.2	0.0	2.2
Average Undergraduate Grade												
A.....	4.3	5.4	8.1	1.4	5.1	4.2	2.4	8.1		2.3	2.1	4.1
B+, A-.....	18.3	20.0	33.6	12.9	17.5	19.6	19.5	13.1		18.3	18.1	20.5
B.....	33.5	29.3	29.4	40.5	31.3	31.2	35.7	29.1		27.1	27.8	20.4
C+, B-.....	25.2	26.2	21.2	23.6	27.5	27.0	30.8	26.7		27.6	26.7	35.7
C.....	16.2	17.2	7.0	19.0	15.0	13.4	9.4	20.6		15.0	15.0	15.0
C- or less.....	2.4	1.8	0.9	2.6	3.5	4.6	2.1	2.3		9.7	10.3	4.3
Degree Aspirations in 1987												
none.....	1.5	1.0	1.4	1.1	2.7	1.6	0.8	5.4		1.7	1.9	0.0
vocational certificate.....	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0		7.1	7.7	1.7
associate (A.A. or equivalent).....	0.3	0.4	0.0	0.6	0.1	0.0	0.4	0.0		8.2	7.5	15.6
bachelor's (B.A., B.S.).....	28.7	27.3	15.6	37.7	24.7	23.8	28.9	24.2		45.1	45.4	42.3
master's (M.A., M.S.).....	42.2	45.5	35.4	46.0	36.4	45.2	31.1	24.4		32.4	32.7	29.2
Ph.D. or Ed.D.....	13.9	13.4	21.8	10.2	15.8	15.6	22.2	13.4		2.8	2.7	4.2
M.D., D.O., D.D.S., D.V.M.....	7.5	8.5	13.4	2.6	9.8	9.2	4.3	13.2		0.8	0.9	0.0
LL.B. or J.D. (law).....	5.2	3.7	12.1	1.1	9.3	3.6	12.2	17.1		0.9	0.9	1.1
B.D. or M.Div. (divinity).....	0.2	0.0	0.0	0.4	0.3	0.4	0.0	0.3		0.0	0.0	0.0
other.....	0.4	0.0	0.3	0.4	0.9	0.6	0.0	1.9		0.9	0.4	5.8
Highest Degree Earned by 1989												
none.....	87.9	90.4	91.4	85.7	86.8	81.4	89.8	94.1		54.6	57.8	26.7
vocational certificate.....	0.9	0.5	2.2	1.1	0.8	0.6	3.1	0.0		10.5	11.1	5.2
associate (A.A. or equivalent).....	6.4	7.5	3.2	5.5	7.4	9.9	4.0	4.9		24.5	20.2	61.8
bachelor's (B.A., B.S., etc.).....	2.4	1.4	1.9	5.0	0.3	0.6	0.0	0.0		0.6	0.6	0.0
master's (M.A., M.S., etc.).....	0.3	0.0	0.0	0.1	0.9	1.6	0.0	0.0		0.0	0.0	0.0
Ph.D. or Ed.D.....	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0		0.0	0.0	0.0
M.D., D.O., D.D.S., D.V.M.....	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.4		0.0	0.0	0.0
J.D. or LL.B. (law).....	0.3	0.0	0.0	0.0	1.2	2.3	0.0	0.0		0.0	0.0	0.0
B.D. or M.Div. (divinity).....	0.4	0.0	0.3	0.9	0.3	0.2	1.4	0.0		0.1	0.1	0.0
other.....	1.2	0.3	1.0	1.5	2.0	3.0	1.6	0.6		9.8	10.2	6.3
Degree Aspirations in 1989												
none.....	1.3	1.6	0.5	0.7	2.0	0.7	1.9	4.3		1.9	2.1	0.0
vocational certificate.....	0.3	0.3	0.0	0.4	0.2	0.0	0.3	0.4		2.1	2.0	3.7
associate (A.A. or equivalent).....	1.6	1.4	0.4	2.2	1.5	2.5	1.0	0.3		16.3	16.7	11.1
bachelor's (B.A., B.S., etc.).....	28.8	31.1	19.0	30.9	27.2	29.9	23.2	24.7		40.5	41.4	30.6
master's (M.A., M.S., etc.).....	36.9	39.1	36.4	38.4	32.7	32.8	46.4	26.0		28.9	27.9	39.7
Ph.D. or Ed.D.....	12.9	7.5	17.0	15.3	15.0	15.5	10.1	16.5		6.5	6.5	7.1
M.D., D.O., D.D.S., D.V.M.....	6.5	7.4	7.5	1.8	10.7	9.5	3.1	16.1		0.8	0.8	1.1
J.D. or LL.B. (law).....	7.0	9.5	17.6	2.4	6.0	5.5	8.3	5.8		2.2	2.3	1.5
B.D. or M.Div. (divinity).....	0.4	0.2	0.0	0.1	1.3	0.9	1.1	1.9		0.0	0.0	0.0
other.....	4.2	1.8	1.6	7.9	3.5	2.8	4.7	4.2		0.7	0.3	5.3

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges										
	All 4-yr	Universities							Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Freshman College was Student's											
first choice.....	65.5	67.9	66.0	62.7	66.2	68.7	55.2	67.7	75.2	75.9	67.9
second choice.....	25.1	22.7	26.6	26.9	25.0	22.2	35.5	24.3	18.8	19.0	17.0
third choice.....	6.2	6.6	4.6	7.6	4.6	5.6	3.8	3.3	2.7	1.8	10.8
less than third choice.....	3.2	2.8	2.8	2.8	4.2	3.6	5.5	4.6	3.3	3.2	4.4
College Experiences Noted Very Satisfactory or Satisfactory (2)											
science and mathematics courses..	64.1	65.6	59.5	62.3	66.1	68.3	67.1	62.3	66.3	66.8	61.2
humanities courses.....	69.0	67.7	80.3	66.0	69.8	71.4	67.0	68.4	58.5	58.3	60.1
social science courses.....	69.8	64.9	71.0	74.6	69.2	68.2	76.3	67.2	59.9	59.9	60.3
courses in major field.....	83.9	83.1	86.5	83.7	83.9	80.9	87.5	87.2	79.7	80.2	75.5
general education requirements..	59.3	55.6	61.9	59.0	63.2	59.6	65.1	68.3	48.7	48.7	49.1
relevance of coursework to life..	51.0	45.4	49.3	53.6	54.9	55.8	45.1	58.1	40.3	39.9	44.0
overall quality of instruction..	74.0	67.6	75.6	75.7	78.8	80.9	86.9	71.2	66.6	65.6	75.8
lab facilities and equipment....	62.8	68.6	64.0	61.6	57.1	54.5	62.7	58.6	72.1	72.8	65.9
library facilities.....	76.0	90.2	70.3	72.5	66.2	65.6	68.2	66.1	81.0	81.8	73.1
computer facilities.....	74.8	76.7	71.6	74.9	73.6	70.9	71.7	79.7	74.4	74.9	70.8
oppty for interdisciplin courses	49.1	49.7	55.1	44.1	52.2	49.7	41.2	61.8	33.8	33.9	33.3
oppty to talk to professors.....	73.8	64.8	70.2	71.3	88.0	83.2	91.9	94.1	70.7	68.5	90.8
oppty for extracurr activities..	79.8	76.7	79.3	82.0	81.0	79.6	84.7	81.7	75.7	76.2	71.5
campus social life.....	68.6	81.2	60.4	64.8	61.8	66.2	60.9	54.6	58.0	57.2	65.5
regulations on campus life.....	40.4	40.6	42.2	39.9	40.0	45.1	30.8	35.9	39.3	38.8	43.9
academic tutoring or assistance..	58.8	50.9	53.3	60.2	67.8	68.7	53.9	73.1	63.7	65.2	47.0
academic advising.....	47.6	42.4	43.3	42.9	60.6	55.4	67.7	65.9	49.4	49.4	49.8
career counseling and advising..	41.7	30.5	43.2	44.3	50.4	43.2	54.8	60.0	32.0	31.9	33.5
personal counseling.....	41.3	35.2	45.8	41.6	46.1	37.6	50.6	59.1	41.6	41.6	41.3
student housing.....	52.6	51.2	54.4	57.4	47.8	45.4	50.4	51.1	42.1	39.8	55.5
financial aid services.....	44.0	31.7	39.2	49.5	51.1	46.4	58.9	56.9	49.0	48.5	53.9
contact with faculty and admin..	56.2	39.3	61.5	59.1	70.0	61.5	74.4	82.1	53.6	51.4	73.8
relations with faculty & admin..	59.9	47.2	58.6	62.1	71.3	63.3	76.2	82.5	54.4	52.6	70.3
oppty to attend films,concerts..	75.6	83.5	77.7	76.8	64.1	68.0	60.5	58.9	55.7	54.2	69.5
job placement services.....	52.0	47.4	45.2	62.2	48.7	41.8	57.8	57.4	53.5	55.4	40.1
campus health services.....	58.5	66.3	58.2	58.3	50.9	51.7	53.3	48.3	61.9	62.0	61.0
overall college experience.....	75.2	77.9	80.3	74.2	71.4	72.3	79.1	66.0	69.5	69.0	74.0
Enroll at Freshman College Again											
definitely yes.....	33.4	38.8	38.4	28.9	30.8	32.1	20.8	33.5	27.0	26.4	32.0
probably yes.....	33.2	34.5	34.1	33.4	31.4	31.7	39.7	26.7	35.2	35.5	32.5
don't know.....	6.0	5.2	4.3	8.5	4.5	5.2	4.9	3.2	4.3	4.8	0.0
probably not.....	15.9	12.3	15.7	19.5	15.9	14.4	28.0	12.4	19.7	20.2	14.4
definitely not.....	11.5	9.2	7.5	9.8	17.4	16.6	6.6	24.2	13.9	13.1	21.1

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MALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges			
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Student Took Time Off, Withdrew or Transferred												
no.....	70.0	77.7	84.7	61.7	66.1	66.9	75.1	60.2	65.4	66.2	57.7	
transferred.....	17.2	13.7	9.6	18.6	22.2	22.3	16.6	24.9	12.2	10.7	26.1	
withdrew.....	8.8	4.3	1.2	17.0	6.3	6.4	2.9	7.9	19.1	19.8	12.3	
leave of absence.....	4.1	4.3	4.5	2.7	5.3	4.3	5.5	7.0	3.3	3.3	4.0	
Reasons Noted as Very Important for Taking Time Off (3)												
reconsider goals & interests....	49.4	43.2	37.1	55.6	47.3	55.6	35.8	39.1	24.7	20.9	51.4	
changed career plans.....	21.9	17.0	27.1	19.7	27.8	36.4	15.1	19.2	22.7	23.7	16.1	
wanted practical experience.....	10.9	7.1	6.5	11.4	13.9	16.4	16.1	9.6	11.9	8.9	35.9	
didn't "fit in".....	29.4	18.3	19.0	42.6	21.2	14.9	8.6	34.3	41.4	44.7	18.3	
was bored with course work.....	14.0	11.6	9.5	9.2	23.4	24.1	10.2	26.8	16.7	16.0	22.5	
wanted better acad. reputation..	25.7	17.5	5.4	23.9	37.6	28.3	24.1	55.3	36.4	36.7	34.4	
wanted better social life.....	27.7	4.7	12.0	38.3	32.4	19.4	16.6	56.2	11.9	10.1	23.6	
wanted to be closer to home.....	14.5	9.2	9.1	13.6	20.7	16.7	6.5	30.8	21.5	23.4	8.6	
had good job offer.....	5.0	5.1	0.0	4.6	6.1	7.5	14.1	1.7	10.7	11.3	6.4	
wasn't doing well academically..	23.3	28.8	28.6	22.7	19.1	21.0	18.5	16.7	53.7	56.5	33.6	
family responsibilities.....	8.4	8.6	8.7	5.1	12.6	21.4	5.5	2.2	5.7	5.3	8.5	
tired of being student.....	11.6	9.9	0.6	15.9	8.5	6.4	1.0	14.0	2.2	2.5	0.0	
couldn't afford college.....	17.6	22.0	21.9	13.9	19.0	21.8	15.7	16.1	16.7	15.7	24.0	
wanted wider course selection...	25.6	14.4	11.5	24.5	37.5	34.7	24.8	45.6	16.7	13.4	39.8	
ENROLLMENT STATUS												
First Year												
attended first college full-time	99.0	99.3	98.1	98.8	99.1	98.5	99.7	99.7	98.8	98.6	100.0	
attended first college part-time	0.5	0.5	1.2	0.7	0.0	0.0	0.3	0.0	0.3	0.4	0.0	
attended diff college full-time.	0.3	0.1	0.7	0.4	0.1	0.0	0.0	0.3	0.2	0.2	0.0	
attended diff college part-time.	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
not enrolled.....	0.2	0.1	0.0	0.0	0.8	1.5	0.0	0.0	0.7	0.8	0.0	
Second Year												
attended first college full-time	77.2	81.5	90.6	71.0	75.1	77.8	80.3	68.2	74.7	75.8	65.0	
attended first college part-time	3.6	6.2	1.3	2.6	2.6	1.8	10.1	0.0	5.3	5.5	2.9	
attended diff college full-time.	12.0	7.5	6.5	15.2	15.5	11.1	5.3	27.8	7.8	5.9	24.9	
attended diff college part-time.	2.8	2.2	0.8	1.8	5.7	8.0	2.7	3.6	1.7	1.9	0.0	
not enrolled.....	4.3	2.7	0.8	9.4	1.1	1.3	1.7	0.4	10.5	10.8	7.2	

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MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Have Met or Exceeded Recommended Years of High School Study (4)												
English (4 years).....	97.7	98.3	99.0	97.3	97.0	96.9	97.2	97.0	97.0	96.9	98.8	
mathematics (3 years).....	94.9	97.1	99.8	93.4	92.3	91.0	89.1	96.3	87.5	87.1	91.0	
foreign language (2 years).....	78.8	84.0	97.6	73.0	73.4	74.5	75.9	70.1	70.3	72.9	47.0	
physical science (2 years).....	57.4	66.0	67.6	49.9	52.9	56.1	60.1	43.7	55.4	57.2	38.3	
biological science (2 years).....	33.5	29.7	31.0	38.6	32.3	32.5	31.6	32.3	33.7	34.4	27.2	
history or Am gov (1 year).....	98.9	97.2	100.0	99.3	99.8	99.8	99.5	100.0	100.0	100.0	100.0	
computer science (1 1/2 year).....	62.5	65.2	63.1	59.8	62.3	57.2	65.1	69.5	65.8	67.1	52.8	
art or music (1 year).....	62.3	62.8	61.1	63.1	61.0	67.8	61.6	49.3	56.8	56.1	63.6	
Number of Undergraduate Courses Taken Which Emphasize:												
Writing Skills												
none.....	2.2	2.4	1.6	2.0	2.3	3.5	0.0	1.3	1.8	1.5	5.3	
1 - 2.....	56.9	55.5	52.2	65.9	49.3	46.5	44.7	56.5	71.2	72.5	59.8	
3 - 5.....	33.4	35.7	35.8	27.6	37.0	38.8	46.8	29.2	23.4	22.4	32.5	
6 - 8.....	4.7	4.5	6.6	3.3	6.1	5.9	4.8	7.2	1.6	1.7	0.2	
9 or more.....	2.7	1.8	3.8	1.1	5.2	5.3	3.8	5.8	2.0	2.0	2.2	
Math/Understanding Numbers												
none.....	5.5	2.9	7.1	2.4	11.8	18.1	4.8	4.5	1.6	0.8	9.4	
1 - 2.....	40.0	25.7	33.5	50.5	45.6	38.6	48.5	56.3	41.6	40.1	56.4	
3 - 5.....	38.7	46.3	41.4	36.2	32.1	31.1	36.3	31.7	39.7	41.4	24.3	
6 - 8.....	10.2	16.1	10.3	6.9	7.4	8.5	9.2	4.6	11.2	11.9	4.9	
9 or more.....	5.6	9.0	7.7	3.9	3.1	3.7	1.1	2.9	5.8	5.9	5.1	
Science/Scientific Inquiry												
none.....	9.8	2.8	11.4	14.4	11.7	14.4	17.8	4.1	10.8	10.3	15.5	
1 - 2.....	41.5	33.6	39.5	41.4	51.4	47.0	57.5	55.9	42.4	40.6	59.3	
3 - 5.....	30.6	37.0	23.6	31.6	24.3	24.1	13.5	29.9	29.0	30.3	16.4	
6 - 8.....	10.1	14.3	12.9	7.2	7.7	8.2	6.4	7.5	8.1	8.5	4.7	
9 or more.....	8.1	12.3	12.6	5.5	4.9	6.2	4.8	2.6	9.7	10.3	4.0	
History/Historical Analysis												
none.....	14.5	26.2	10.6	5.3	13.7	12.2	3.8	21.1	33.5	33.2	36.6	
1 - 2.....	50.7	44.6	52.9	57.1	49.2	49.5	61.8	42.4	44.4	44.7	41.9	
3 - 5.....	30.0	25.5	27.2	34.4	31.0	32.3	29.4	29.6	19.0	19.0	19.6	
6 - 8.....	3.5	2.9	7.3	2.7	3.7	4.2	3.8	2.9	2.4	2.4	1.8	
9 or more.....	1.3	0.8	2.0	0.5	2.4	1.8	1.2	4.1	0.7	0.8	0.0	
Foreign Language Skills												
none.....	64.8	69.9	47.5	71.5	56.9	62.9	57.4	46.2	87.8	88.6	80.3	
1 - 2.....	25.0	19.8	26.5	24.0	31.5	26.7	23.1	43.9	8.7	8.1	13.7	
3 - 5.....	9.0	9.0	21.1	4.2	10.7	9.8	18.0	8.6	3.1	2.8	6.0	
6 - 8.....	1.0	1.3	4.5	0.1	0.6	0.6	0.4	0.7	0.0	0.0	0.0	
9 or more.....	0.2	0.0	0.5	0.2	0.3	0.0	1.1	0.5	0.3	0.4	0.0	

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MALE STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv
		Pub	Priv	Pub	Priv	Nons	Cath	Prot			
Events Considered Very Likely to Occur (in 1987)											
be elected to student office....	3.3	2.5	3.7	2.5	5.0	4.5	4.5	6.2	3.9	4.0	2.3
be satisfied with college.....	48.7	48.2	65.3	43.7	48.8	51.8	47.4	44.5	38.4	38.8	34.3
change career choice.....	13.0	11.3	14.0	12.5	15.2	13.0	20.8	16.0	8.0	8.2	6.5
change major field.....	15.2	13.9	14.0	14.4	17.9	18.3	23.5	14.4	8.7	8.9	6.7
drop out permanently.....	0.2	0.1	0.0	0.2	0.4	0.5	0.0	0.5	0.0	0.0	0.0
drop out temporarily.....	0.9	1.1	0.9	0.1	1.7	1.0	2.8	2.3	0.1	0.0	0.9
get job to pay expenses.....	33.5	33.9	37.2	30.0	35.6	31.8	36.7	41.6	42.3	43.2	32.7
get married while in college....	2.8	3.8	1.3	3.1	2.0	1.5	2.3	2.7	1.5	1.5	1.7
graduate with honors.....	12.6	13.3	18.4	7.9	14.9	13.3	24.3	13.1	6.0	6.0	6.7
join social frat or sorority....	16.4	16.2	23.0	13.1	17.8	14.5	18.6	23.2	9.3	8.8	14.5
make at least "B" average.....	40.2	41.0	56.5	31.1	43.6	40.4	47.7	47.0	32.1	32.9	24.5
participate in student protests..	4.6	3.1	8.4	3.3	6.5	5.3	7.3	8.0	2.0	2.0	3.1
play varsity athletics.....	22.0	11.1	21.6	19.5	36.1	31.5	26.3	49.0	14.1	12.9	26.7
transfer to another college.....	10.5	3.3	3.5	16.6	13.8	4.9	24.5	23.6	9.1	8.1	19.5
work at outside job.....	14.3	15.7	11.4	14.4	13.5	13.5	17.0	11.8	15.2	15.6	11.6
work full-time while attending...	1.5	1.5	1.4	2.3	0.8	0.7	1.0	1.0	2.3	2.0	5.4
Events Occurring by 1989											
elected to student office.....	11.4	8.6	13.3	9.8	15.7	17.6	12.6	13.9	8.2	6.3	26.0
satisfied with freshman coll (5)	74.7	77.6	80.0	73.8	70.4	71.8	77.6	64.4	68.3	68.2	69.2
changed career choice (5).....	44.3	40.1	46.4	43.0	50.0	46.7	39.6	59.8	57.2	58.2	47.5
changed major field (5).....	44.5	44.4	50.1	37.7	50.4	50.7	38.7	55.1	45.8	46.2	41.8
dropped out permanently (5).....	8.7	4.3	1.2	16.9	6.2	6.3	2.8	7.7	18.7	19.4	11.7
dropped out temporarily (5).....	4.0	4.2	4.5	2.7	5.2	4.3	5.3	6.8	3.3	3.2	3.8
got part-time job on campus.....	35.4	27.1	43.6	32.4	45.7	37.0	50.2	58.3	29.4	28.6	37.6
got married.....	0.4	0.3	0.2	0.6	0.2	0.0	0.5	0.3	0.9	0.9	1.2
graduated with honors.....	0.8	0.3	1.0	0.7	1.6	2.3	1.7	0.4	4.6	2.8	22.1
joined social frat or sorority..	23.0	21.1	28.4	18.9	28.0	29.0	12.5	33.6	5.2	4.3	14.2
made at least "B" average (5)...	56.1	54.7	71.0	54.8	53.9	54.9	57.7	50.3	47.6	47.9	45.0
participated in student protests	17.2	14.6	18.9	13.8	23.5	26.5	27.8	16.3	9.0	9.6	3.4
played intercollegiate athletics	36.2	21.0	33.0	43.3	46.6	45.1	42.2	51.4	23.3	22.2	33.8
transferred before grad (5).....	17.0	13.5	9.6	18.5	21.7	21.9	16.0	24.3	11.9	10.5	24.8
worked part-time job off-campus..	46.8	52.2	39.0	44.0	46.7	49.4	40.6	45.3	65.6	67.1	50.5
worked full-time while student..	9.5	14.8	5.5	6.7	8.2	11.8	3.5	4.4	12.3	13.0	5.1
Other College Activities											
assisted faculty teaching class..	6.6	3.9	5.9	7.5	9.1	9.6	5.0	10.3	13.4	14.1	6.9
attended racial awareness wkshop	17.5	10.3	25.9	19.3	20.9	22.5	9.5	23.6	8.6	9.2	3.6
enrolled in ethnic stud course..	17.8	13.4	17.3	20.3	20.0	20.5	12.5	22.7	4.6	4.8	2.9
enrolled in honors program.....	27.3	27.6	42.4	21.6	28.2	31.7	23.7	24.4	26.8	26.5	29.7
enrolled in interdisc course....	31.7	28.0	48.3	28.3	34.1	27.3	34.5	45.3	14.1	14.3	12.1
enrolled in women's stud course..	2.6	1.1	3.1	4.0	2.3	2.4	2.1	2.3	0.5	0.4	2.0
in college internship program...	7.5	7.0	9.8	7.0	7.9	9.0	3.9	7.8	6.5	6.5	6.6
in study abroad program.....	5.1	3.0	8.0	2.9	9.0	10.0	3.9	9.6	2.3	2.4	0.9
played intercoll foot/basketball	11.3	3.7	6.3	16.3	16.0	12.0	13.6	24.0	3.7	3.6	4.6
purchased a personal computer...	18.5	21.8	21.5	13.9	19.1	21.9	11.5	17.9	13.6	13.9	10.5
taken reading study/skills class	22.7	18.9	11.1	25.0	28.4	26.7	29.7	30.8	17.8	16.3	32.6
taken remedial/develop course...	10.4	7.9	3.4	13.0	12.6	11.2	20.3	11.2	14.8	15.0	12.3
voted in 1988 election.....	67.1	73.9	67.8	63.5	63.3	56.7	61.0	75.7	62.7	63.4	56.4
worked on prof's research proj...	11.9	7.4	10.4	15.5	13.3	9.4	16.0	18.4	14.2	14.7	10.1

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	Priv	Nons	Cath	Prot				
Activities in the Last Year Reported in 1987												
attended recital or concert.....	79.2	81.7	85.9	74.4	80.0	77.8	75.1	86.3		75.9	77.0	64.9
didn't complete homework on time	75.6	75.2	69.8	78.4	74.7	74.3	68.0	78.8		76.4	76.5	74.9
drank beer.....	65.8	70.7	72.2	59.6	65.6	58.7	79.2	70.7		76.9	77.9	67.5
drank wine or liquor.....	60.7	62.7	65.1	59.7	58.1	56.5	65.9	56.9		63.9	63.2	70.3
felt depressed (6).....	5.9	7.3	4.3	4.0	7.1	5.2	4.8	11.5		3.6	3.4	5.5
felt overwhelmed (6).....	14.6	11.7	13.0	16.9	15.4	13.8	17.8	17.0		5.8	6.0	4.0
missed school due to illness (6)	3.7	0.8	3.4	6.5	3.5	1.2	10.5	3.9		7.2	7.7	2.6
smoked cigarettes (6).....	5.8	6.4	3.4	7.7	3.6	2.7	6.0	4.0		15.4	16.3	7.1
stayed up all night.....	75.6	77.1	71.4	75.1	76.1	76.0	68.0	80.3		68.5	67.9	74.3
tutored another student.....	50.3	64.6	61.3	40.1	42.9	44.6	37.8	42.5		43.8	45.1	30.8
Activities in the Past Year Reported in 1989												
attended recital or concert.....	69.6	68.8	77.4	67.1	71.0	73.1	71.6	67.0		53.6	51.3	75.7
didn't complete homework on time	63.1	67.5	59.1	58.2	65.4	67.5	58.7	65.1		58.6	57.5	69.3
discuss course content w/std (6)	44.4	44.0	50.9	42.2	45.1	49.5	43.4	38.5		33.3	31.9	47.1
discuss political/soc issues (6)	34.0	33.3	44.3	33.3	32.2	35.3	23.5	30.9		9.6	8.4	22.0
discuss racial/ethnic issues (6)	11.5	14.6	12.1	7.6	12.6	16.0	6.3	9.9		3.8	3.2	10.5
drank beer.....	78.2	80.9	77.7	81.5	71.1	65.1	84.5	75.1		72.0	72.5	67.4
drank wine or liquor.....	71.0	71.5	73.7	76.7	62.5	54.3	68.1	74.0		60.0	59.1	68.6
felt depressed (6).....	14.3	8.2	12.6	17.3	18.0	17.5	17.9	19.1		8.5	8.7	6.6
felt like leaving college.....	42.1	37.4	35.1	44.1	47.2	47.9	51.4	43.9		48.8	49.2	45.4
felt overwhelmed (6).....	29.2	30.5	28.6	30.5	26.4	24.7	30.7	27.4		27.5	27.8	24.7
gave a presentation in class (6)	8.8	4.0	6.1	11.5	11.6	15.6	7.1	6.9		8.0	7.2	15.8
missed class due to illness (6)	3.4	1.6	0.7	5.9	3.4	3.1	8.4	1.4		1.0	0.9	2.8
paper critiqued by instructor(6)	28.9	24.8	37.8	20.7	40.3	44.1	34.1	36.8		17.0	16.3	23.6
participated in intramural sport	63.2	58.9	61.9	64.7	66.4	63.8	74.9	66.9		53.2	53.3	51.7
read the student newspaper (6)..	61.3	67.6	68.8	63.3	49.3	49.5	61.8	42.9		21.4	20.4	30.7
received personal counseling....	9.7	8.2	13.2	7.7	12.7	13.3	11.7	12.2		7.9	7.1	15.3
received tutoring in courses....	34.4	32.8	28.6	37.7	34.0	35.4	30.1	33.4		34.3	34.8	29.2
received vocational counseling..	40.1	41.9	34.1	40.3	40.1	38.9	60.6	32.4		40.4	40.1	43.4
smoked cigarettes (6).....	9.6	14.4	6.6	8.4	6.7	4.0	6.5	11.5		15.8	16.3	10.7
social with diff ethnic grp (6).	40.8	40.8	53.1	36.6	41.6	46.7	41.5	33.0		22.2	21.1	33.5
stayed up all night.....	69.5	75.8	68.6	61.3	72.8	74.5	70.5	70.9		58.5	58.5	58.2
took a multiple-choice exam (6).	57.3	61.9	38.4	62.1	52.7	51.3	59.2	52.2		45.3	44.6	51.6
took an essay exam (6).....	36.8	28.3	47.4	30.6	50.2	53.2	50.2	45.0		20.4	19.8	26.7
took pt in campus demonstration.	17.3	13.2	16.8	18.1	21.1	23.2	27.9	14.3		3.2	3.0	5.4
tutored another student.....	49.2	58.0	52.1	42.0	47.1	42.3	48.4	54.7		49.6	49.8	48.3
was guest in professor's home...	15.9	9.7	19.4	13.0	25.3	27.4	14.3	26.8		7.7	5.5	29.9
worked on grp proj for class (6)	10.1	6.4	13.4	10.4	12.8	14.4	16.8	8.1		18.5	19.1	13.5
worked on ind research project..	41.7	37.3	36.5	45.7	43.8	45.2	51.3	37.8		41.5	40.0	56.5

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv	
		Pub	Priv	Pub	Priv	Nons	Cath	Prot				
Student Rated Self Above Average or Highest 10% in 1987												
academic ability.....	68.7	78.4	89.4	59.6	61.8	66.6	49.8	59.8	46.0	47.4	33.0	
artistic ability.....	28.8	29.1	29.6	25.7	31.8	36.2	23.3	28.8	27.9	28.3	24.8	
drive to achieve.....	65.1	71.0	75.7	58.9	62.4	62.1	64.2	62.1	57.2	57.0	59.4	
emotional health.....	64.0	65.8	72.9	62.0	61.4	65.3	57.3	57.1	55.9	54.0	73.6	
leadership ability.....	59.9	61.6	69.4	53.9	62.0	62.8	55.1	63.9	40.5	39.4	50.0	
mathematical ability.....	52.3	65.6	70.0	41.8	44.2	44.2	46.6	43.0	47.0	49.0	28.9	
physical health.....	74.0	76.1	73.7	71.6	74.6	74.8	77.2	72.9	69.7	69.2	73.9	
popularity.....	53.5	55.4	54.3	51.3	53.9	50.0	50.2	62.1	45.2	44.5	51.8	
self-confidence (intellectual)...	63.8	69.4	75.8	59.5	58.4	58.7	62.4	55.9	42.7	41.5	53.8	
self-confidence (social).....	54.9	54.5	54.0	55.9	54.4	53.1	53.1	57.3	32.6	30.6	50.8	
writing ability.....	44.7	40.6	59.6	42.5	46.8	50.9	44.8	40.9	37.0	39.0	19.0	
in 1989												
academic ability.....	69.9	79.1	87.5	56.4	69.8	70.3	73.8	67.0	67.4	69.3	49.5	
artistic ability.....	28.7	28.4	34.3	25.6	30.8	35.1	19.0	29.3	32.5	33.7	20.4	
drive to achieve.....	63.7	71.5	73.4	54.0	63.2	63.8	69.3	59.2	64.9	65.1	63.3	
emotional health.....	61.8	62.5	63.9	62.6	59.3	58.6	63.5	58.4	47.5	45.7	63.7	
leadership ability.....	63.8	66.5	65.6	62.5	61.8	62.9	56.1	62.7	56.6	56.7	55.5	
mathematical ability.....	50.2	60.9	60.3	44.9	41.1	42.9	41.0	38.0	50.5	51.0	46.0	
physical health.....	69.9	70.5	69.0	71.1	68.2	70.8	74.9	60.5	67.2	66.4	74.4	
popularity.....	53.0	48.5	49.7	56.3	55.2	52.8	62.5	55.8	41.9	41.6	44.9	
self-confidence (intellectual)...	71.2	71.5	75.8	73.4	66.8	72.1	74.3	54.2	58.3	58.2	59.7	
self-confidence (social).....	55.1	52.9	51.9	57.2	56.3	55.1	61.0	56.0	36.6	35.0	51.3	
writing ability.....	49.3	48.0	60.7	48.7	47.4	52.0	47.9	39.3	33.6	34.8	22.8	
listening ability.....	63.3	64.0	67.9	62.9	61.3	62.2	52.6	64.2	50.9	50.4	55.9	
Students Reporting Much Stronger Abilities and Skills in 1989												
general knowledge.....	28.6	26.4	30.0	26.7	32.9	35.3	29.7	30.3	28.7	28.9	27.5	
problem-solving skills.....	16.6	18.7	17.6	14.6	16.4	16.3	18.8	15.4	23.8	23.2	29.9	
knowledge of particular field...	39.8	34.8	45.3	41.1	41.8	43.3	43.4	38.4	29.6	28.6	39.5	
critical thinking ability.....	23.0	17.6	23.0	28.9	22.0	21.6	26.2	20.5	19.2	18.4	26.2	
writing skills.....	14.3	12.3	18.4	10.1	20.2	19.6	24.0	19.4	8.6	8.3	12.0	
foreign language ability.....	6.9	8.5	11.5	4.8	6.1	5.8	6.3	6.6	1.1	1.2	0.6	
job-related skills.....	11.4	9.6	11.9	11.7	12.9	14.4	10.7	11.3	16.5	16.3	18.8	
religious beliefs & convictions...	9.2	6.1	6.3	10.2	12.5	14.2	9.4	11.1	3.4	2.7	10.4	
interest in grad/prof school....	24.2	20.1	23.0	24.9	28.4	28.7	27.3	28.3	27.0	26.6	31.3	
preparation for grad/prof school	13.4	11.1	18.4	10.8	17.5	19.2	17.6	14.7	16.5	16.8	14.6	
leadership abilities.....	16.7	13.3	16.5	22.1	14.0	14.0	14.0	14.0	8.1	7.6	13.0	
ability to work independently...	22.0	22.7	22.6	19.3	24.2	24.7	23.4	23.8	21.3	20.7	27.5	
interpersonal skills.....	21.8	21.3	20.2	21.7	22.9	21.3	23.3	25.5	8.1	8.0	9.9	
cultural awareness.....	21.5	17.7	21.6	22.7	24.4	26.2	21.3	23.0	7.7	7.1	14.0	
acceptance of dif races/cultures	17.6	16.2	15.0	17.9	19.7	19.5	13.2	23.3	13.8	13.5	17.0	
competitiveness.....	18.8	19.7	16.4	17.5	20.1	19.8	28.5	16.4	12.0	10.7	24.5	
confidence in academic abilities	16.5	12.5	12.9	19.2	19.1	20.1	13.3	20.3	12.3	11.0	25.1	
public speaking ability.....	13.6	10.5	9.0	12.2	20.6	20.4	18.4	22.1	13.6	12.9	19.5	
ability to work cooperatively...	13.8	9.7	10.7	16.1	17.0	17.3	10.8	19.5	9.5	9.1	13.0	

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MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
LIVING ARRANGEMENTS												
Preferred for Fall 1987												
with parents or relatives.....	12.3	8.2	6.6	17.6	13.6	17.8	7.9	8.3		35.0	37.3	12.4
other private home,apt,room.....	27.6	33.9	18.4	25.4	25.4	24.9	24.1	26.9		29.1	29.5	24.6
college dormitory.....	44.3	44.1	60.6	39.6	43.7	37.7	50.0	52.1		24.4	22.9	39.3
fraternity or sorority house....	9.9	8.5	8.4	14.5	6.8	6.1	9.9	6.8		7.3	7.4	6.9
other campus student housing....	4.0	3.5	5.8	2.2	6.0	6.1	5.6	5.8		2.2	1.9	5.8
other.....	2.0	1.7	0.3	0.8	4.6	7.4	2.6	0.1		1.9	1.0	11.0
Planned for Fall 1987												
with parents or relatives.....	20.4	20.8	10.7	27.6	14.9	14.6	19.0	13.2		53.7	56.7	23.9
other private home,apt,room.....	2.5	5.1	0.6	2.3	0.5	0.3	1.0	0.5		16.7	17.2	11.4
college dormitory.....	74.4	69.8	86.0	68.5	82.7	82.7	79.4	84.4		27.3	23.9	60.7
fraternity or sorority house....	1.4	2.1	0.7	1.0	1.3	1.4	0.0	1.7		0.0	0.0	0.0
other campus student housing....	1.0	2.0	2.0	0.4	0.4	0.4	0.6	0.2		2.2	2.0	4.0
other.....	0.2	0.2	0.0	0.3	0.3	0.6	0.0	0.0		0.2	0.2	0.0
First Year												
with parents or relatives.....	19.6	19.9	8.2	27.7	13.6	12.1	18.5	13.6		55.2	57.6	31.4
other private home,apt,room.....	2.1	4.5	1.0	1.4	0.8	1.0	0.5	0.5		14.5	15.7	2.3
college dormitory.....	75.1	70.8	86.8	69.6	82.5	81.8	80.7	84.7		27.5	23.7	65.3
frat or sorority house.....	1.9	2.7	1.7	0.7	2.6	4.1	0.0	1.2		0.0	0.0	0.0
other campus student housing....	1.2	2.1	2.3	0.7	0.6	0.9	0.3	0.0		1.3	1.3	0.9
other.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1.5	1.7	0.0
Second Year												
with parents or relatives.....	19.3	22.9	11.0	15.4	22.8	25.7	22.9	18.1		50.2	53.2	23.4
other private home,apt,room.....	18.3	27.2	16.6	15.0	12.4	14.8	15.2	7.1		20.7	20.6	21.4
college dormitory.....	53.0	42.0	57.8	63.4	52.0	46.5	57.3	58.4		27.6	24.9	52.3
frat or sorority house.....	5.5	6.2	7.1	3.1	7.1	9.0	0.0	7.4		0.0	0.0	0.0
other campus student housing....	3.2	1.7	7.0	1.7	5.2	3.8	4.2	7.9		1.5	1.3	2.9
other.....	0.7	0.0	0.4	1.5	0.6	0.3	0.5	1.1		0.0	0.0	0.0

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MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
College Attributes Noted as Very Descriptive												
easy to see fac outside off hrs.	29.7	15.2	31.4	28.1	47.6	41.7	43.6	59.8		35.5	34.1	48.5
great conformity among students.	23.9	16.2	34.2	22.8	30.2	25.5	43.3	31.9		13.1	12.2	21.2
most students very bright.....	23.8	18.9	48.4	14.2	32.1	36.4	17.9	31.7		10.9	10.7	11.8
admin open about policies.....	15.4	13.8	12.9	11.0	23.3	20.7	16.6	31.2		11.9	11.6	14.9
keen competition for grades.....	25.8	26.9	40.7	21.6	24.4	25.3	27.7	21.4		26.5	27.3	19.4
courses more theoret than prac..	19.0	21.3	24.1	14.3	20.4	20.0	20.5	21.1		32.6	33.9	20.4
fac rewarded for advising skills	6.9	6.2	4.9	5.9	9.5	9.8	18.1	4.8		4.1	4.0	4.4
little std contact out of class.	6.0	8.7	1.8	6.5	3.7	3.9	3.7	3.3		8.1	8.1	8.2
faculty at odds with admin.....	4.4	5.7	2.6	4.2	3.8	3.2	3.0	5.2		8.4	8.8	4.8
intercoll sports overemphasized.	11.1	17.7	8.6	6.5	10.0	8.9	14.9	9.2		6.0	5.1	14.8
classes usually informal.....	23.6	22.2	15.3	25.7	25.7	26.2	21.9	26.6		20.5	21.1	15.7
faculty respect each other.....	39.8	31.2	46.8	35.6	51.9	54.6	49.4	48.6		32.4	30.7	47.3
most stdnts treated like numbers	16.2	33.7	9.1	10.2	6.2	5.5	2.4	9.3		22.2	23.4	10.5
social activities overemphasized	6.5	7.9	7.2	4.7	6.8	6.5	2.4	9.3		3.6	3.5	4.4
little contact between students.	5.3	7.6	5.0	5.6	2.5	3.5	1.3	1.3		13.9	14.9	4.3
student body apathetic.....	19.9	14.1	24.5	23.4	20.6	20.5	23.6	19.3		12.8	12.8	12.6
stdnts don't socialize regularly	2.4	2.7	0.6	2.8	2.2	2.4	0.5	2.7		5.8	6.1	2.9
fac rewarded for good teaching..	12.5	10.3	12.9	11.3	16.4	16.4	23.4	12.8		8.2	7.6	14.0
Plans for Fall 1989												
attend college full-time.....	85.4	90.6	95.4	78.4	84.5	85.6	92.2	78.6		66.7	66.2	71.8
attend college part-time.....	4.9	3.3	1.7	4.6	8.4	6.0	4.1	14.7		12.1	12.9	4.4
attend graduate school.....	0.7	1.3	1.0	0.4	0.1	0.2	0.0	0.0		7.7	8.2	3.1
attend vocational program.....	0.8	0.9	0.2	1.1	0.5	0.8	0.5	0.0		0.5	0.6	0.0
work full-time.....	11.6	9.6	1.8	18.4	9.0	11.6	5.0	6.7		26.8	27.6	19.3
work part-time.....	42.6	48.1	46.1	33.6	45.9	42.8	52.1	48.2		28.4	28.3	29.1
serve in Armed Forces.....	2.6	0.1	0.6	6.2	1.9	2.9	1.2	0.5		3.3	3.7	0.0
travel.....	5.1	4.3	5.8	5.8	4.9	3.6	3.8	7.7		2.7	2.5	4.3
do volunteer work.....	9.1	11.6	12.5	5.2	9.9	7.3	21.6	8.4		3.4	3.3	4.3
stay at home.....	4.2	2.8	2.3	7.1	2.9	3.4	4.6	1.2		9.3	9.8	4.8
Permission to Use I.D. in 1987												
yes.....	78.7	78.8	75.9	77.3	81.0	77.8	80.7	86.1		71.0	69.9	82.0
no.....	21.3	21.2	24.1	22.7	19.0	22.2	19.3	13.9		29.0	30.1	18.0
Permission to Use I.D. in 1989												
yes.....	70.6	67.2	72.6	71.7	72.2	71.1	71.6	74.4		60.0	59.5	64.9
no.....	29.4	32.8	27.4	28.3	27.8	28.9	28.4	25.6		40.0	40.5	35.1

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub						All	Pub	Priv
		Pub	Priv		All Priv	Nons	Cath	Prot				
Personal Objectives Noted as Very Important or Essential in 1987												
achieve in a performing art....	13.5	9.6	13.1	17.2	13.9	15.6	14.2	10.7	5.0	3.8	16.9	
be expert on finance/commerce...	36.9	34.2	36.7	41.3	35.2	29.3	41.0	42.5	36.3	36.8	31.0	
be involved in environ cleanup...	18.9	17.1	16.7	17.1	23.5	17.9	36.3	26.8	32.5	34.4	13.8	
be successful in own business...	54.2	53.0	52.6	51.7	58.7	59.2	60.9	56.9	56.6	55.4	68.5	
be very well off financially....	79.2	80.3	76.7	81.1	77.0	75.2	82.9	77.2	77.1	77.1	76.3	
become authority in my field....	82.0	79.8	85.9	84.6	80.2	79.4	81.5	80.9	74.7	74.5	76.9	
create artistic work.....	10.8	10.1	9.6	9.4	13.6	15.2	16.0	9.8	18.9	19.3	14.6	
develop philosophy of life.....	44.3	37.7	44.7	50.1	44.9	43.8	31.9	53.2	40.4	41.2	33.0	
have admin responsibility.....	44.3	46.7	51.1	39.0	45.3	45.0	56.5	40.2	42.3	42.5	40.1	
help others in difficulty.....	50.1	48.9	55.7	45.1	55.0	52.6	38.2	67.3	46.4	43.7	73.6	
influence political structure...	21.5	20.7	29.7	17.4	23.9	23.0	32.5	21.3	18.9	19.2	15.9	
influence social values.....	36.1	30.2	39.8	39.8	36.9	38.2	40.8	32.8	35.5	34.6	44.3	
obtain recog from colleagues...	63.6	62.3	61.9	63.2	65.9	63.6	69.2	68.1	57.7	58.7	48.0	
participate in community action.	16.7	14.3	16.9	13.7	22.5	18.4	19.1	31.3	18.1	18.6	13.0	
promote racial understanding....	30.0	21.6	38.0	31.3	34.7	31.8	25.6	44.1	30.6	31.0	26.0	
raise a family (7).....	56.7	64.3	59.9	46.7	58.3	53.8	55.1	67.5	52.4	52.8	48.4	
theoretical contrib to science..	14.7	19.2	16.6	10.9	13.4	15.4	14.0	9.8	11.2	11.4	9.0	
write original works.....	14.3	16.6	15.6	9.2	17.2	18.1	15.8	16.1	12.9	13.8	4.4	
in 1989												
achieve in a performing art....	11.6	8.2	12.1	12.9	13.8	14.7	15.8	11.1	18.4	18.7	15.1	
be expert on finance/commerce...	28.4	28.0	26.4	27.9	30.3	32.4	35.9	23.8	22.8	22.2	28.5	
be involved in environ cleanup...	38.5	33.2	34.4	42.0	41.6	41.9	50.1	37.0	46.7	48.7	28.5	
be successful in own business...	47.4	48.1	46.1	43.1	52.1	48.2	64.8	52.7	57.1	57.4	54.8	
be very well off financially....	66.4	63.3	63.4	69.4	67.5	66.4	72.9	66.7	77.7	78.6	69.4	
become authority in my field....	72.4	69.0	71.1	72.3	76.9	78.3	65.1	80.2	64.7	64.0	70.8	
create artistic work.....	11.6	10.0	11.6	11.5	13.5	16.5	11.0	9.5	19.9	21.4	6.2	
develop philosophy of life.....	57.6	53.6	62.9	54.3	64.1	62.5	59.8	69.1	47.3	46.8	52.2	
have admin responsibility.....	46.1	41.9	45.3	53.1	42.7	41.7	53.0	39.3	41.0	40.6	44.8	
help others in difficulty.....	65.3	57.4	58.6	67.8	73.5	76.0	70.8	70.5	62.5	61.3	73.2	
influence political structure...	26.0	23.3	26.6	29.3	24.9	26.6	22.1	23.4	25.7	25.5	27.2	
influence social values.....	42.1	35.1	39.1	43.5	49.6	50.7	39.7	52.8	36.5	35.4	47.0	
obtain recog from colleagues...	52.2	49.9	53.4	48.7	58.7	59.2	57.8	58.2	60.6	61.6	50.4	
participate in community action.	25.9	18.0	23.2	28.0	33.3	28.2	35.9	40.8	19.4	19.5	18.3	
promote racial understanding....	36.4	30.5	36.4	39.0	40.1	38.5	39.9	42.9	35.6	35.6	35.2	
raise a family.....	66.7	69.1	66.3	60.8	71.3	67.7	71.8	77.3	55.0	54.6	58.2	
theoretical contrib to science..	15.7	17.4	17.0	11.1	18.7	17.2	12.9	24.3	18.2	18.2	17.9	
write original works.....	15.2	14.7	16.9	10.8	20.7	22.3	21.7	17.6	15.9	17.1	4.6	

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Political Orientation in 1987											
far left.....	1.9	2.9	1.3	1.1	1.9	1.7	0.5	2.8	2.5	2.4	4.3
liberal.....	23.5	27.5	25.2	20.3	22.4	22.8	34.2	15.7	13.9	13.2	20.0
middle of the road.....	48.5	46.6	41.1	52.4	48.3	46.5	46.9	52.1	65.1	68.1	36.8
conservative.....	24.5	22.1	29.6	23.6	26.4	28.5	16.9	27.6	18.3	16.3	36.8
far right.....	1.7	1.0	2.9	2.6	1.0	0.4	1.4	1.8	0.2	0.0	2.1
Political Orientation in 1989											
far left.....	1.9	1.3	1.7	1.9	2.9	4.2	1.3	1.7	0.8	0.7	1.7
liberal.....	24.6	24.4	23.5	24.7	25.2	30.3	23.2	17.5	25.0	25.8	17.9
middle of the road.....	40.3	37.7	34.4	46.2	38.2	32.8	36.5	48.2	46.1	46.6	40.6
conservative.....	31.9	35.9	38.5	25.7	32.8	32.0	38.7	31.3	27.6	26.7	36.5
far right.....	1.1	0.7	1.9	1.5	0.8	0.7	0.3	1.3	0.5	0.2	3.3
Agrees Strongly/Somewhat in 1987											
abolish death penalty.....	22.7	23.4	20.1	23.4	21.9	23.1	20.1	20.8	13.4	12.4	23.0
abortion should be legalized....	62.9	68.6	58.3	66.7	53.7	55.1	50.2	52.9	49.5	48.3	60.9
busing OK to achieve balance....	54.1	50.7	49.9	58.2	54.5	55.6	49.0	55.4	51.6	50.5	61.8
college raises earning power....	70.9	70.6	62.1	75.8	68.7	66.7	75.7	68.6	85.1	86.3	74.1
gov't not controlling pollution.	79.3	78.5	80.0	77.0	82.6	85.1	88.1	75.5	75.1	74.1	84.4
gov't not promoting disarmament.	66.4	65.8	66.4	67.4	66.0	64.6	67.8	67.5	51.3	49.7	66.2
marijuana should be legalized...	24.9	24.4	20.1	27.4	24.2	22.4	36.9	20.8	20.8	22.0	9.9
married women best at home.....	27.9	26.7	22.4	24.5	35.1	35.4	36.2	33.9	36.4	36.8	32.5
raise taxes to reduce deficit...	28.6	34.6	38.0	22.5	25.8	28.7	18.6	24.4	24.6	25.1	20.7
Agrees Strongly/Somewhat in 1989											
abolish death penalty.....	23.1	19.3	25.0	27.7	21.0	22.6	20.2	18.9	24.7	25.3	18.5
abortion should be legalized....	69.1	73.3	66.8	72.9	60.6	62.5	58.1	58.6	61.7	62.6	53.4
busing OK to achieve balance....	46.1	33.3	44.0	59.2	45.8	50.9	31.4	43.8	61.1	62.1	51.0
coll ban extreme speakers.....	16.3	17.1	15.3	15.9	16.4	17.2	20.4	13.1	24.1	24.9	16.9
coll involvement in social pgms.	74.4	74.5	78.7	72.5	75.0	74.6	77.9	74.1	68.3	68.4	67.0
coll regulate off-campus acts...	7.6	5.9	9.0	8.3	8.0	8.0	7.3	8.4	18.2	18.7	13.7
college raises earning power....	56.4	61.0	47.3	58.1	52.4	52.8	63.8	46.0	58.8	58.9	57.7
control AIDS w/mandatory testing	40.7	35.1	39.2	44.1	43.3	41.7	41.7	46.8	55.3	54.3	65.0
equal opportunity for women....	92.7	93.3	90.3	92.8	92.5	92.3	92.5	92.8	94.9	95.5	90.0
gov't not controlling pollution.	88.3	88.5	85.7	90.1	86.9	87.5	89.6	84.6	86.5	87.0	81.7
gov't not promoting disarmament.	61.6	59.2	51.1	62.1	67.4	67.8	68.0	66.6	69.2	69.6	65.7
grading in college too easy.....	21.6	18.6	24.7	26.1	18.3	19.0	16.4	18.3	21.6	22.2	16.7
ind can do little to change soc.	38.6	40.6	35.1	40.6	35.3	36.4	45.0	28.6	43.1	44.0	34.6
man not entitled to sex on date.	88.4	90.3	91.3	88.7	85.0	84.1	88.6	84.7	81.0	80.2	88.9
marijuana should be legalized...	23.2	27.4	22.3	22.8	19.3	19.2	20.4	18.9	16.3	16.0	18.4
married women best at home.....	14.6	10.9	14.2	13.6	20.0	19.6	20.4	20.5	16.3	16.6	13.3
national health care plan needed	61.5	57.3	54.5	69.3	59.4	65.0	56.7	51.1	71.1	72.8	56.0
racial discrim no longer problem	16.3	17.7	9.4	16.5	17.1	17.6	14.3	17.4	26.8	27.2	22.4
raise taxes to reduce deficit...	33.9	41.3	38.6	25.4	34.2	28.4	30.9	45.9	34.5	35.2	28.0
wealthy should pay more taxes...	72.7	73.5	65.5	78.7	67.3	72.4	64.9	59.6	82.1	82.3	80.1

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Agrees Strongly or Somewhat												
a lot of racial conflict here...	21.8	32.2	25.7	14.9	17.0	16.8	19.0	16.4		28.8	29.5	21.5
admin care little about students	35.4	46.4	33.8	32.4	27.3	30.3	17.2	27.2		31.4	31.8	28.0
admin considers faculty concerns	71.1	72.1	65.3	67.2	76.8	76.4	81.8	74.8		71.2	71.1	71.2
admin considers student concerns	48.1	46.4	37.3	53.4	47.5	47.4	51.8	45.5		49.3	50.2	40.7
courses incl feminist perspective	43.1	50.0	48.8	33.6	45.0	43.6	58.3	40.6		32.9	31.5	45.6
courses incl minority perspective	49.0	49.8	45.3	50.5	47.6	52.1	42.8	41.9		37.3	36.4	45.8
curriculum over-specialized....	23.8	27.1	22.2	23.5	21.0	18.4	13.6	29.2		29.9	29.6	32.7
ethnic groups communicate well..	70.2	66.9	61.9	69.2	78.1	81.7	87.6	67.3		73.9	73.6	76.3
fac committed to welfare of coll	69.3	71.1	70.1	59.6	78.8	77.7	82.7	78.9		68.6	67.7	77.1
fac feels students well-prepared	63.1	58.5	82.9	51.8	74.6	72.0	78.5	77.3		64.4	63.7	70.8
fac interested in acad problems.	65.1	52.9	70.6	65.8	75.8	74.8	76.0	77.3		64.3	64.2	66.0
fac interested in student probs.	52.3	35.0	57.4	51.1	71.5	66.2	80.1	76.4		54.9	54.9	54.8
fac positive about gen ed pgm ..	82.6	83.4	87.2	78.5	85.1	89.3	96.8	72.0		83.8	83.9	83.7
fac sensitive to minority issues	70.4	68.0	69.0	72.7	70.7	70.2	79.5	67.3		64.1	63.5	70.0
low trust btwn minorities/admin.	29.2	39.4	35.1	25.6	20.7	25.4	17.0	14.2		21.3	21.1	23.9
many students don't "fit in"....	33.9	32.5	35.7	30.8	38.6	38.2	41.4	37.8		44.2	45.0	37.5
oppty for fac/stdnt socializing.	47.0	34.6	47.1	50.6	56.6	59.7	50.7	54.1		44.9	43.8	55.5
students resent required courses	62.7	65.5	51.6	67.1	58.2	59.2	49.6	60.8		69.7	68.9	76.2
Objectives Rated as High or Highest Priorities for College												
allow aining of diff opinions...	50.3	54.9	52.4	48.9	46.0	47.9	41.9	44.5		53.8	53.6	55.1
conduct basic & applied research	48.6	59.0	55.1	41.8	42.9	45.2	50.2	35.4		55.3	56.2	47.2
create multi-cultural environ...	44.7	44.2	42.8	45.2	45.1	47.5	51.4	37.7		44.0	45.1	33.9
create positive undergrad exp...	68.2	63.5	69.4	65.9	75.8	74.3	84.6	73.9		63.8	62.6	75.5
devel apprec of multi-cultul soc	40.4	37.2	41.3	40.4	43.8	48.1	42.0	37.1		31.1	30.6	36.0
devel community among fac/stdnts	43.4	32.2	40.5	45.3	54.7	52.7	54.1	58.6		37.0	35.3	52.7
devel leadership ability in fac.	33.9	38.7	33.6	26.1	38.0	35.9	29.7	45.6		28.0	26.9	38.2
devel leadership abil in stdnts.	50.2	40.6	45.7	56.2	55.4	54.3	56.6	56.7		53.2	52.7	58.4
economize and cut costs.....	36.9	41.9	26.0	39.6	31.9	36.6	23.5	27.7		34.5	34.3	36.4
enhance inst's national image...	70.2	79.6	84.8	64.8	61.1	63.1	67.3	54.5		57.5	58.4	48.3
facilitate comm svcs involvement	32.1	27.9	39.2	29.7	37.1	35.5	42.2	37.3		24.2	22.9	36.5
help solve soc/evirion problems..	30.5	30.9	26.9	30.3	31.7	33.9	31.6	27.8		31.7	30.3	45.1
help students understand values.	53.3	38.6	55.2	53.1	69.2	66.1	79.8	69.4		36.7	33.6	66.2
hire faculty "stars".....	21.0	31.3	29.5	14.5	14.4	15.5	16.2	11.7		21.1	20.9	23.1
increase minorities in fac/admin	31.8	33.1	24.6	37.3	26.1	31.6	17.9	20.6		21.1	21.0	21.7
increase women in fac/admin....	22.4	26.3	18.4	20.3	21.9	26.2	16.3	17.1		18.6	17.4	30.2
increase/maintain inst prestige.	76.2	83.9	89.0	71.6	68.5	68.9	74.7	65.0		57.8	57.5	61.0
promote intellectual development	75.0	71.6	80.9	69.7	83.0	83.7	89.4	78.7		59.5	58.7	67.6
raise money for the institution.	60.9	70.6	77.3	44.7	64.0	64.2	60.8	65.2		40.9	39.9	50.3
recruit more minority students..	39.4	47.2	33.9	39.5	32.5	36.7	22.8	30.0		35.4	36.2	27.7
teach students how to change soc	32.6	24.9	30.6	35.3	38.7	43.1	37.4	31.9		28.9	26.6	50.3
Want Copy of Survey Results												
yes.....	93.9	92.5	97.5	93.7	94.5	96.4	91.9	92.5		79.1	78.2	89.0
no.....	6.1	7.5	2.5	6.3	5.5	3.6	8.1	7.5		20.9	21.8	11.0

1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	Four-year Colleges										Two-year Colleges		
	All 4-yr	Universities							Prot	All	Pub	Priv	
		Pub	Priv	Pub	All Priv	Nons	Cath						
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1987)													
None													
studying/homework.....	1.0	0.5	1.0	0.8	1.7	1.9	1.1	1.6	0.6	0.6	1.1		
socializing with friends.....	0.1	0.2	0.2	0.0	0.1	0.0	0.2	0.3	0.0	0.0	0.0		
talk with teacher outside class.	7.7	8.7	6.9	9.6	4.6	2.2	7.9	6.9	7.4	7.7	4.8		
exercising/sports.....	1.9	1.0	2.8	2.7	1.5	1.6	1.5	1.4	1.7	1.5	3.0		
partying.....	13.3	10.1	12.1	18.3	11.6	13.0	6.6	11.7	9.5	9.4	10.7		
working (for pay).....	27.3	25.5	38.5	22.9	30.5	30.0	22.5	35.4	23.4	24.3	15.3		
volunteer work.....	58.2	62.6	49.2	62.5	51.8	51.3	43.2	56.6	62.5	61.9	68.4		
student clubs/groups.....	34.6	28.6	22.7	42.6	36.2	30.9	38.0	44.3	44.1	44.9	36.5		
watching TV.....	3.7	5.1	4.8	1.8	3.8	3.8	2.2	4.7	1.4	0.9	6.2		
hobbies.....	10.0	8.7	7.3	13.0	8.9	4.7	4.5	18.5	3.9	3.8	4.1		
Six or More													
studying/homework.....	43.8	43.8	57.3	39.6	43.9	50.2	42.1	33.9	41.1	42.6	27.2		
socializing with friends.....	80.6	82.5	81.1	78.4	80.8	81.5	84.8	77.6	79.4	79.1	83.0		
talk with teacher outside class.	6.7	8.0	7.5	3.4	8.5	8.3	14.7	5.8	4.5	3.9	10.1		
exercising/sports.....	61.9	58.2	62.3	63.6	64.1	61.7	73.6	63.5	56.6	56.7	55.8		
partying.....	39.2	41.5	40.8	40.9	34.0	28.9	53.1	33.4	34.7	34.9	32.8		
working (for pay).....	56.6	56.3	46.1	62.2	54.4	57.8	62.1	44.7	61.2	59.6	76.4		
volunteer work.....	5.1	5.8	4.0	2.6	7.4	9.0	5.1	5.8	3.5	3.8	0.9		
student clubs/groups.....	13.5	13.7	19.1	10.4	15.0	16.3	11.2	14.5	7.8	7.1	14.4		
watching TV.....	35.8	35.2	31.6	34.6	39.2	40.1	43.6	35.7	39.5	38.1	53.3		
hobbies.....	29.6	27.3	25.8	28.8	34.4	37.4	44.3	24.3	32.5	31.7	40.1		
Sixteen or More													
studying/homework.....	7.8	6.1	12.0	9.3	6.6	7.3	5.5	5.8	3.3	3.5	1.2		
socializing with friends.....	41.0	42.9	40.2	40.4	39.9	39.5	42.3	39.5	32.2	30.2	51.4		
talk with teacher outside class.	0.8	0.1	0.2	0.7	1.8	2.0	3.9	0.4	1.1	0.8	3.9		
exercising/sports.....	26.9	22.4	23.5	28.7	30.9	26.2	39.1	34.8	22.5	23.1	16.6		
partying.....	11.5	11.8	9.1	13.1	10.3	8.1	21.7	8.4	5.9	5.9	5.7		
working (for pay).....	36.6	38.5	23.7	42.9	31.8	34.3	35.3	25.8	37.7	36.4	49.8		
volunteer work.....	1.6	2.8	0.2	0.4	2.1	1.5	0.4	3.9	1.1	1.2	0.9		
student clubs/groups.....	2.6	2.2	3.5	1.7	3.8	3.4	2.3	5.1	1.4	1.5	1.0		
watching TV.....	10.3	9.0	6.6	13.0	10.1	12.2	11.7	5.9	7.7	7.8	6.7		
hobbies.....	7.9	7.7	6.4	8.7	7.8	7.1	15.0	5.5	6.5	6.0	11.0		

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1989)												
None												
classes/labs.....	0.9	0.5	0.0	0.3	2.3	3.6	1.6	0.5	1.4	1.6	0.0	
studying/homework.....	0.5	0.2	0.0	0.1	1.6	3.0	0.0	0.0	0.7	0.8	0.0	
socializing with friends.....	0.6	0.4	0.2	0.8	0.7	1.3	0.0	0.0	0.2	0.3	0.0	
talk with faculty outside class.	13.2	18.0	12.1	12.7	8.9	12.2	4.8	5.3	14.5	15.4	4.8	
exercising/sports.....	5.0	7.3	3.5	4.1	3.9	5.8	1.8	1.5	13.2	13.5	9.7	
reading for pleasure.....	24.8	24.7	24.5	23.2	27.1	28.9	23.1	26.1	25.5	25.2	29.4	
using a personal computer.....	31.1	36.1	21.4	29.8	30.3	31.7	25.4	30.4	38.8	38.9	37.6	
partying.....	12.2	12.9	8.7	9.2	16.3	22.0	7.6	10.6	16.3	15.4	26.2	
working (for pay).....	41.6	42.0	43.2	44.9	36.7	36.4	35.9	37.8	26.9	26.5	31.6	
volunteer work.....	68.2	69.5	63.8	72.1	63.6	62.6	68.0	63.1	66.9	65.8	77.3	
student clubs/groups.....	45.4	52.1	35.3	46.6	40.3	42.1	36.1	39.1	67.2	68.1	57.6	
watching TV.....	11.0	7.7	12.4	12.8	12.1	14.9	5.0	10.7	3.9	3.4	9.3	
commuting to campus.....	54.9	46.5	65.1	55.8	59.7	63.9	51.8	56.3	26.9	24.7	50.4	
religious services/meetings.....	58.2	59.3	50.5	64.0	52.7	49.4	45.0	62.0	64.4	65.6	51.7	
hobbies.....	23.4	19.8	26.8	26.6	22.5	26.2	10.2	22.2	10.3	9.8	15.5	
Six or More												
classes/labs.....	89.6	91.7	95.3	87.3	88.1	85.6	90.4	91.2	84.0	84.8	75.8	
studying/homework.....	73.2	75.6	80.5	71.0	70.6	73.4	76.0	63.2	65.4	66.2	56.9	
socializing with friends.....	79.7	81.4	83.5	73.8	83.4	79.5	85.5	89.0	66.6	66.3	69.8	
talk with faculty outside class.	1.5	1.4	0.9	1.5	1.7	2.1	2.0	1.0	3.6	3.6	3.1	
exercising/sports.....	39.3	38.3	38.5	34.3	46.7	44.0	56.1	46.7	22.7	22.8	20.9	
reading for pleasure.....	6.0	5.1	8.1	6.5	5.6	7.2	4.9	3.1	4.1	3.7	7.8	
using a personal computer.....	11.7	12.3	12.9	10.2	12.2	10.8	13.9	13.9	11.4	12.0	6.1	
partying.....	37.1	40.7	35.7	36.2	34.7	32.1	49.1	32.0	20.7	20.4	24.1	
working (for pay).....	48.3	47.6	42.6	47.9	51.5	50.8	51.5	52.7	58.5	59.0	53.2	
volunteer work.....	3.1	2.0	2.5	2.5	5.3	3.3	4.8	9.1	3.7	4.0	1.0	
student clubs/groups.....	7.4	6.2	13.4	7.8	6.2	6.5	4.0	6.7	4.9	4.5	8.4	
watching TV.....	33.2	34.5	25.1	33.6	34.0	35.9	34.1	30.6	38.1	37.6	42.9	
commuting to campus.....	6.8	7.0	4.3	5.8	8.6	7.8	7.5	10.4	12.6	12.8	10.0	
religious services/meetings.....	1.3	0.2	1.9	0.9	2.8	3.6	3.3	1.1	1.2	1.1	2.1	
hobbies.....	13.9	11.9	7.6	14.1	17.9	15.3	19.6	21.7	13.6	13.3	16.1	
Sixteen or More												
classes/labs.....	50.5	47.5	54.0	58.1	43.6	43.4	55.9	37.9	54.0	53.9	55.2	
studying/homework.....	24.3	22.7	32.0	23.3	24.5	24.0	27.6	23.7	23.6	24.7	12.4	
socializing with friends.....	36.9	38.5	36.5	30.4	42.8	44.4	31.1	45.8	25.6	25.2	30.5	
talk with faculty outside class.	0.2	0.0	0.3	0.4	0.1	0.2	0.4	0.0	0.9	1.0	0.0	
exercising/sports.....	11.9	10.4	12.6	11.6	13.5	10.8	10.6	19.4	3.4	3.5	2.2	
reading for pleasure.....	0.5	0.8	0.7	0.3	0.3	0.0	1.3	0.3	0.5	0.4	1.6	
using a personal computer.....	2.8	1.6	2.8	2.9	4.0	3.8	9.9	1.5	2.3	2.3	1.3	
partying.....	8.0	8.9	6.7	7.1	8.6	8.1	14.0	6.8	7.4	7.0	12.2	
working (for pay).....	25.0	27.5	15.4	29.7	20.2	20.6	23.4	18.0	34.4	35.1	28.2	
volunteer work.....	0.8	0.2	0.4	0.1	2.5	0.2	2.6	6.5	0.5	0.6	0.0	
student clubs/groups.....	1.6	1.5	2.9	1.8	1.0	1.4	0.0	0.9	0.8	0.7	2.5	
watching TV.....	8.1	7.8	2.8	9.7	8.2	7.6	5.2	10.5	10.0	9.7	13.2	
commuting to campus.....	0.8	0.6	0.0	1.5	0.4	0.0	2.3	0.2	1.0	1.0	1.6	
religious services/meetings.....	0.2	0.0	0.4	0.2	0.3	0.0	2.3	0.0	0.0	0.0	0.0	
hobbies.....	3.7	3.3	1.1	5.0	3.7	2.9	3.5	5.3	3.6	3.3	6.6	

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Religious Preference in 1987												
Baptist.....	13.6	10.5	6.5	19.0	13.1	17.6	0.5	11.6		7.4	4.6	36.9
Buddhist.....	0.5	0.4	0.8	0.7	0.4	0.2	0.0	0.8		0.3	0.3	0.0
Congregational (U.C.C.).....	1.1	1.8	0.4	0.1	1.6	2.3	0.8	0.9		2.1	1.9	3.6
Eastern Orthodox.....	1.7	0.5	0.9	4.4	0.0	0.0	0.0	0.0		0.6	0.6	0.0
Episcopal.....	2.8	3.4	4.4	1.8	2.6	3.3	1.4	1.9		1.0	1.1	0.0
Islamic.....	0.1	0.0	0.0	0.0	0.2	0.5	0.0	0.0		0.0	0.0	0.0
Jewish.....	2.5	3.4	8.0	0.6	2.0	3.4	0.3	0.6		0.8	0.8	0.2
Latter Day Saints (Mormon).....	0.9	2.2	0.2	0.6	0.1	0.0	0.7	0.0		0.0	0.0	0.0
Lutheran.....	6.9	6.3	2.5	8.3	7.3	7.2	1.8	10.2		8.3	8.2	8.8
Methodist.....	9.2	9.2	3.4	12.2	7.6	5.6	1.5	13.7		8.4	8.4	9.3
Presbyterian.....	5.0	4.5	4.9	3.3	7.6	6.6	11.4	7.3		4.8	4.7	6.1
Quaker (Society of Friends).....	0.4	0.9	0.0	0.0	0.5	0.1	0.0	1.3		0.0	0.0	0.0
Roman Catholic.....	32.3	30.6	46.7	31.8	29.7	20.5	74.6	23.3		36.3	37.2	26.2
Seventh Day Adventist.....	0.2	0.0	0.3	0.0	0.6	1.1	0.0	0.0		1.5	1.6	0.0
other Protestant.....	4.7	4.3	2.3	3.1	8.0	8.0	1.1	11.3		3.4	3.6	1.8
other religion.....	5.6	5.8	4.4	5.0	6.4	9.7	0.8	3.6		9.1	9.5	4.6
none.....	12.7	16.2	14.2	9.1	12.4	13.9	5.1	13.5		16.2	17.5	2.4
Religious Preference in 1989												
Baptist.....	11.4	7.0	6.9	16.1	12.3	15.1	0.3	13.5		12.8	11.1	28.2
Buddhist.....	0.8	0.9	0.6	0.4	1.4	0.4	7.4	0.2		0.3	0.3	0.0
Congregational (UCC).....	0.8	1.8	0.0	0.3	0.7	0.8	0.7	0.5		1.5	1.5	1.3
Eastern Orthodox.....	0.2	0.2	0.6	0.4	0.0	0.0	0.0	0.0		0.5	0.6	0.0
Episcopal.....	2.9	4.2	4.6	1.6	2.3	3.1	1.1	1.6		1.0	1.0	1.0
Islamic.....	0.1	0.0	0.0	0.0	0.4	0.7	0.0	0.0		0.0	0.0	0.0
Jewish.....	2.2	3.0	7.0	0.5	1.9	3.0	0.3	0.6		1.2	1.3	0.2
Latter Day Saints (Mormon).....	0.9	2.1	0.2	0.6	0.1	0.0	0.7	0.0		0.0	0.0	0.0
Lutheran.....	6.3	5.2	2.2	7.8	7.1	6.6	4.5	9.4		7.6	7.6	7.6
Methodist.....	8.4	9.0	3.7	10.8	6.5	4.4	1.1	12.9		7.0	6.4	12.2
Presbyterian.....	3.5	3.4	4.1	2.1	5.1	3.1	11.5	5.5		3.7	4.0	1.2
Quaker.....	0.4	0.8	0.7	0.0	0.1	0.1	0.0	0.2		0.0	0.0	0.0
Roman Catholic.....	32.1	32.8	44.9	30.2	29.1	21.2	64.1	25.6		44.1	45.7	29.7
Seventh Day Adventist.....	0.1	0.0	0.3	0.0	0.4	0.8	0.0	0.0		1.4	1.6	0.0
other Protestant.....	6.5	6.4	4.1	4.1	10.2	10.6	1.3	13.8		3.8	3.4	7.9
other religion.....	6.8	3.8	3.3	11.2	6.2	9.6	1.5	2.5		3.8	3.2	9.2
none.....	16.5	19.5	17.0	14.0	16.1	20.5	5.6	13.6		11.2	12.2	1.7
Born-again Christian in 1989												
no.....	81.0	85.8	87.2	77.0	78.4	73.5	96.1	78.1		85.4	87.4	66.7
yes.....	19.0	14.2	12.8	23.0	21.6	26.5	3.9	21.9		14.6	12.6	33.3

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Probable Career in 1987 (8)											
artist (including performer)....	6.2	4.6	9.5	5.2	8.0	8.9	4.0	8.2	4.1	3.3	13.0
business.....	26.7	26.6	24.3	26.5	28.0	29.5	38.4	20.8	23.5	23.4	24.7
clergy or religious worker.....	0.4	0.0	0.3	0.0	1.4	1.9	1.9	0.3	0.1	0.0	1.2
college teacher.....	0.7	0.9	0.6	0.5	0.8	0.4	0.0	1.8	0.4	0.4	0.0
doctor (MD or DDS).....	5.2	5.8	11.9	1.4	6.6	7.8	5.1	5.4	0.0	0.0	0.0
education (secondary).....	2.4	0.8	0.3	3.9	3.2	2.7	2.2	4.4	2.6	2.4	4.6
education (primary).....	1.3	1.4	0.0	2.2	0.4	0.0	0.8	1.0	0.0	0.0	0.0
engineer.....	15.8	26.4	14.3	12.2	8.2	10.2	7.8	5.0	28.7	30.6	9.8
farmer or forester.....	0.3	0.3	0.0	0.0	0.6	0.1	0.6	1.4	3.7	3.0	10.6
health professional (non-M.D.)..	4.4	3.6	0.5	7.6	2.9	2.2	3.1	3.9	3.1	3.0	3.7
lawyer.....	5.8	4.8	12.1	1.5	9.8	3.6	7.9	20.6	1.7	1.9	0.0
nurse.....	0.1	0.0	0.1	0.0	0.3	0.0	0.0	0.9	0.0	0.0	0.0
research scientist.....	2.1	1.9	2.1	2.3	2.0	1.7	1.9	2.7	1.1	1.1	1.3
other choice.....	19.7	14.6	12.7	30.0	16.2	15.5	18.2	16.6	25.0	25.0	24.0
undecided.....	9.0	8.4	11.3	6.7	11.7	15.6	8.0	7.0	6.0	5.9	7.2
Probable Career in 1989 (8)											
artist (including performer)....	6.5	6.7	5.7	4.7	8.8	9.4	4.5	9.6	2.6	2.5	4.0
business.....	27.1	27.2	24.7	28.0	26.7	27.3	39.9	19.8	21.9	22.3	18.2
clergy or religious worker.....	0.4	0.0	0.4	0.0	1.2	0.6	1.4	2.1	0.0	0.0	0.0
college teacher.....	1.2	1.1	2.1	0.4	1.9	1.3	1.5	2.9	0.0	0.0	0.0
doctor (MD or DDS).....	5.5	6.0	6.7	1.4	9.5	7.7	3.3	15.2	0.4	0.5	0.0
education (secondary).....	4.3	5.4	3.5	3.3	4.6	3.4	6.1	5.9	4.2	3.7	8.9
education (primary).....	1.2	1.1	0.0	1.6	1.1	0.7	0.4	1.9	0.0	0.0	0.0
engineer.....	11.5	19.6	10.0	9.7	5.1	6.9	5.8	1.8	16.4	17.6	5.8
farmer or forester.....	0.8	1.0	0.0	0.7	0.8	0.1	0.0	2.5	2.7	1.8	10.6
health professional (non-M.D.)..	2.5	3.7	1.4	2.8	1.4	1.4	0.9	1.6	2.2	1.5	8.5
lawyer.....	5.6	6.8	14.9	1.6	6.0	6.1	7.8	5.1	2.2	2.3	1.2
nurse.....	0.1	0.0	0.4	0.2	0.0	0.0	0.3	0.0	1.1	1.2	0.0
research scientist.....	1.7	1.4	2.7	1.3	2.1	1.6	3.3	2.4	0.9	0.9	1.1
other choice.....	24.9	15.4	21.1	36.5	22.8	25.0	20.3	20.4	40.5	41.0	36.4
undecided.....	6.8	4.8	6.3	7.9	8.0	8.5	4.4	8.9	4.8	4.7	5.3
Reasons Noted as Very Important or Essential for Choosing Career											
job opportunities available.....	61.8	63.9	49.7	64.2	60.5	59.8	62.6	60.8	79.4	80.5	69.8
enjoy working w/people in field.....	67.7	71.5	59.7	61.2	74.2	74.3	67.0	77.6	65.1	63.6	79.6
work is interesting.....	93.1	95.6	93.5	91.5	92.0	92.5	91.7	91.2	93.7	93.5	95.3
pays well.....	53.3	62.9	58.8	61.7	67.4	66.2	76.6	65.0	67.3	68.3	57.6
satisfies parent's hopes.....	15.7	15.4	11.1	17.3	15.7	15.4	19.8	14.3	23.1	23.0	24.4
work is challenging.....	76.1	79.3	77.0	72.0	76.9	74.7	82.7	77.9	70.7	70.0	77.3
can make contribution to society.....	55.4	55.6	52.5	53.0	59.2	56.2	54.5	66.6	50.7	49.7	60.2
oppty for rapid career advancmnt.....	50.7	48.4	44.6	52.4	53.4	50.4	56.7	56.8	62.8	62.8	62.7
oppty for freedom of action.....	62.4	67.7	64.2	53.2	66.9	69.4	64.2	64.0	69.2	68.2	79.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	Priv	Nons	Cath	Prot				
Probable Major in 1987 (8)												
agriculture.....	0.2	0.5	0.0	0.1	0.0	0.0	0.0	0.0		3.7	3.1	9.9
biological sciences.....	3.8	3.6	4.6	3.6	4.1	4.1	4.0	4.2		1.7	1.9	0.0
business.....	29.4	30.2	25.8	31.7	27.2	26.2	36.3	24.4		21.7	21.7	21.7
education.....	3.1	2.1	0.0	3.9	4.4	5.1	0.7	5.1		2.8	2.8	3.2
engineering.....	16.6	25.8	17.5	15.3	7.9	10.0	7.3	4.4		28.3	30.1	10.9
English.....	0.9	0.6	0.3	0.8	1.6	1.7	1.5	1.4		0.0	0.0	0.0
health professional.....	4.9	6.2	7.1	3.3	4.6	4.4	2.8	5.8		1.2	1.2	1.3
history or political science....	4.5	3.5	11.4	2.8	5.1	5.2	7.5	3.7		1.0	1.1	0.0
humanities.....	1.8	1.0	3.0	1.0	3.0	4.1	0.3	2.5		1.7	1.9	0.0
fine arts.....	3.8	3.0	5.4	2.6	5.4	7.6	3.0	2.8		3.4	1.9	17.5
mathematics or statistics.....	1.1	0.6	1.2	1.9	0.6	0.2	1.2	0.9		0.0	0.0	0.4
physical sciences.....	2.3	2.6	3.1	1.7	2.4	2.7	2.4	1.9		1.5	1.5	1.2
social sciences.....	6.5	3.8	3.8	8.8	7.7	7.1	6.2	9.3		2.6	2.2	6.1
other technical.....	5.6	4.4	2.9	8.1	5.0	3.2	4.4	8.5		9.4	9.9	4.3
other non-technical.....	9.9	7.1	7.1	9.3	14.4	10.1	16.1	21.0		15.7	15.5	17.7
undecided.....	5.7	5.0	6.7	5.1	6.6	8.2	6.2	4.0		5.4	5.3	5.9
Major Reported in 1989 (8)												
agriculture.....	0.3	0.7	0.0	0.2	0.1	0.1	0.0	0.0		4.5	3.8	12.7
biological sciences.....	6.1	5.8	6.0	2.7	10.8	7.8	4.2	18.8		2.7	2.8	0.9
business.....	25.9	25.4	19.5	29.3	24.9	24.6	40.7	18.5		25.8	26.7	15.2
education.....	4.4	3.9	1.9	4.7	5.5	4.3	5.8	7.5		3.7	3.6	5.1
engineering.....	13.3	21.3	13.9	11.8	4.7	6.0	7.0	1.5		18.6	19.1	11.8
English.....	3.0	2.6	2.2	2.5	4.3	5.5	2.3	3.2		0.0	0.0	0.0
health professional.....	1.8	2.7	1.7	1.4	1.4	1.8	1.6	0.7		0.5	0.2	3.2
history or political science....	9.2	9.9	18.9	6.0	8.7	9.8	9.1	6.6		3.3	3.5	1.8
humanities.....	3.2	2.5	2.6	1.4	6.5	8.1	2.8	5.6		0.0	0.0	0.0
fine arts.....	3.2	2.8	4.8	2.8	3.6	5.0	3.2	1.5		5.4	4.7	13.3
mathematics or statistics.....	2.1	1.3	1.6	1.7	3.6	1.8	1.1	7.9		0.3	0.4	0.0
physical sciences.....	3.0	2.4	3.0	3.1	3.6	3.7	4.8	2.8		2.2	2.1	2.6
social sciences.....	10.1	7.1	12.3	12.1	10.6	12.3	3.6	11.0		4.8	5.1	1.0
other technical.....	5.0	3.4	3.8	8.6	3.3	2.1	4.8	4.5		15.5	16.2	7.0
other non-technical.....	7.8	7.1	7.1	8.6	7.9	6.7	9.1	9.4		11.1	10.1	23.9
undecided.....	1.5	1.1	0.6	3.0	0.5	0.5	0.0	0.6		1.7	1.7	1.5
Probable Graduate Major (8)												
agriculture.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3		2.0	1.3	7.1
biological sciences.....	2.9	2.8	3.9	3.1	2.3	1.7	2.3	3.3		1.2	1.2	1.3
business.....	25.5	24.7	21.5	29.9	24.2	23.6	31.4	22.5		17.7	17.4	19.3
education.....	4.5	3.3	3.6	6.6	4.4	5.0	3.3	3.6		4.9	4.7	5.9
engineering.....	11.3	15.9	9.6	11.4	6.5	8.9	5.8	2.3		24.6	26.9	7.4
English.....	1.1	0.5	1.1	1.2	1.6	1.7	1.1	1.6		0.0	0.0	0.0
health professional.....	5.2	7.0	6.7	1.1	5.9	5.9	5.7	6.0		5.9	6.2	3.8
history or political science....	2.9	0.8	6.2	4.1	3.0	3.7	2.9	1.6		4.4	4.9	0.0
humanities.....	2.1	1.7	0.4	2.5	3.2	2.4	3.0	4.7		0.0	0.0	0.0
fine arts.....	2.8	0.8	2.5	4.2	4.3	4.1	4.6	4.7		3.9	2.7	13.0
mathematics or statistics.....	1.4	0.8	1.1	1.9	1.7	1.5	0.8	2.5		0.0	0.0	0.0
physical sciences.....	3.4	4.4	2.5	2.0	3.7	3.2	3.9	4.4		0.6	0.4	2.4
social sciences.....	6.9	3.5	2.5	6.3	13.8	14.7	3.8	16.0		7.2	7.4	5.3
other technical.....	7.0	7.3	4.1	8.7	6.3	9.0	2.4	2.6		8.0	8.2	5.7
other non-technical.....	20.1	25.1	30.3	11.9	16.4	11.8	24.3	21.8		14.5	13.5	22.9
undecided.....	3.0	1.4	4.0	5.2	2.7	2.7	4.7	1.9		5.2	5.1	5.8

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Probable Career in 1987											
accountant or actuary.....	8.1	9.1	2.4	12.7	3.8	4.0	6.1	2.4	3.9	4.0	2.3
actor or entertainer.....	0.9	0.0	2.3	1.5	0.9	0.8	1.0	0.8	0.0	0.0	0.0
architect or urban planner.....	0.9	1.0	1.3	0.7	0.8	1.5	0.0	0.2	3.3	3.0	6.6
artist.....	1.6	1.1	0.9	2.1	1.8	2.6	0.0	1.2	0.8	0.7	1.4
business (clerical).....	0.1	0.2	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
business executive (mgmt,admin).....	12.3	12.7	17.8	8.9	13.7	15.8	12.7	10.6	14.0	14.5	9.0
business owner or proprietor....	3.8	1.8	3.7	3.5	6.5	4.9	15.2	5.3	3.8	2.8	13.3
business salesperson or buyer...	2.5	2.9	0.4	1.3	4.0	4.8	4.4	2.6	1.9	2.1	0.0
clergy (minister,priest).....	0.3	0.0	0.0	0.0	1.2	1.6	1.9	0.3	0.1	0.0	1.2
clergy (other religious).....	0.1	0.0	0.3	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0
clinical psychologist.....	2.9	1.7	0.0	6.3	1.4	1.2	2.4	1.3	0.4	0.3	1.2
college teacher.....	0.7	0.9	0.6	0.5	0.8	0.4	0.0	1.8	0.4	0.4	0.0
computer programmer or analyst..	3.7	3.3	2.3	4.9	3.3	0.7	4.9	6.8	4.4	4.6	2.0
conservationist or forester.....	0.2	0.3	0.0	0.0	0.5	0.1	0.6	0.9	2.1	2.2	1.1
dentist (including orthodontist)	0.9	1.6	1.5	0.2	0.7	1.1	0.0	0.3	0.0	0.0	0.0
dietitian or home economist.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
engineer.....	15.8	26.4	14.3	12.2	8.2	10.2	7.8	5.0	28.7	30.6	9.8
farmer or rancher.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	1.6	0.9	9.5
frgn svc worker (incl diplomat)...	1.3	0.9	3.4	1.0	1.3	1.5	1.4	0.8	0.4	0.4	0.0
homemaker (full-time).....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
interior decorator or designer..	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.8
intepreter (translator).....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0
lab technician or hygienist.....	0.1	0.3	0.0	0.0	0.2	0.1	0.7	0.0	1.4	1.5	0.0
law enforcement officer.....	2.1	2.4	0.0	3.0	1.5	1.5	0.1	2.2	1.5	1.2	4.8
lawyer (attorney) or judge.....	5.8	4.8	12.1	1.5	9.8	3.6	7.9	20.6	1.7	1.9	0.0
military service (career).....	3.0	0.7	0.9	7.1	1.5	1.2	2.8	1.4	0.5	0.5	0.7
musician (performer,composer)...	1.0	0.9	4.1	0.0	1.3	1.2	1.7	1.3	1.1	0.7	6.0
nurse.....	0.1	0.0	0.1	0.0	0.3	0.0	0.0	0.9	0.0	0.0	0.0
optometrist.....	0.3	0.3	0.0	0.4	0.3	0.0	0.0	1.0	0.0	0.0	0.0
pharmacist.....	0.6	1.4	0.2	0.0	0.4	0.4	0.0	0.5	0.1	0.0	0.6
physician.....	4.3	4.2	10.3	1.2	6.0	6.8	5.1	5.1	0.0	0.0	0.0
school counselor.....	0.2	0.0	0.0	0.5	0.2	0.3	0.0	0.2	0.0	0.0	0.0
school principal/superintendent..	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
scientific researcher.....	2.1	1.9	2.1	2.3	2.0	1.7	1.9	2.7	1.1	1.1	1.3
social,welfare or rec worker....	0.6	0.2	1.4	0.1	1.4	2.4	0.2	0.3	0.4	0.0	4.7
statistician.....	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
therapist (phys,occup,speech)...	2.8	0.9	0.3	7.0	1.1	1.3	1.4	0.7	1.2	1.0	3.1
teacher/admin (elementary).....	1.3	1.4	0.0	2.2	0.4	0.0	0.8	1.0	0.0	0.0	0.0
teacher/admin (secondary).....	2.2	0.8	0.3	3.4	3.0	2.4	2.2	4.3	2.6	2.4	4.6
veterinarian.....	0.5	0.7	0.0	0.2	0.9	0.3	1.0	1.7	0.5	0.5	0.0
writer or journalist.....	2.7	2.6	2.3	1.7	4.1	4.3	1.3	4.9	2.2	1.9	4.8
skilled trades.....	0.2	0.4	0.2	0.1	0.1	0.2	0.0	0.0	9.6	10.3	3.1
other.....	4.9	3.7	3.2	6.8	4.6	5.0	6.4	3.1	4.4	4.8	1.0
undecided.....	9.0	8.4	11.3	6.7	11.7	15.6	8.0	7.0	6.0	5.9	7.2

1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Probable Career in 1989											
accountant or actuary.....	6.8	4.8	3.9	9.5	6.5	3.9	19.7	5.2	3.6	4.0	0.0
actor or entertainer.....	0.9	0.7	0.9	0.4	1.8	2.2	0.5	1.7	0.0	0.0	0.0
architect or urban planner.....	1.1	1.2	1.5	1.2	0.6	1.0	0.3	0.2	4.2	4.0	5.3
artist.....	1.8	1.4	0.6	1.8	2.8	4.1	1.6	1.3	1.1	1.2	0.0
business (clerical).....	0.1	0.0	0.6	0.1	0.1	0.1	0.4	0.0	7.0	7.8	0.0
business executive (mgmt, admin).....	13.3	14.6	14.4	11.6	13.6	16.1	13.5	9.5	11.2	10.9	14.4
business owner or proprietor....	5.5	6.3	5.3	5.2	5.1	5.7	5.6	3.8	4.3	4.4	3.9
business salesperson or buyer....	1.5	1.4	1.1	1.6	1.5	1.6	1.1	1.3	2.8	3.1	0.0
clergy (minister, priest).....	0.3	0.0	0.0	0.0	0.9	0.3	1.4	1.8	0.0	0.0	0.0
clergy (other religious).....	0.1	0.0	0.4	0.0	0.2	0.3	0.0	0.3	0.0	0.0	0.0
clinical psychologist.....	2.0	1.3	2.1	0.7	4.4	3.8	2.0	6.5	0.5	0.4	0.7
college teacher.....	1.2	1.1	2.1	0.4	1.9	1.3	1.5	2.9	0.0	0.0	0.0
computer programmer or analyst..	4.0	2.5	2.1	6.2	3.6	1.3	4.6	7.0	3.2	3.3	2.8
conservationist or forester.....	0.6	1.0	0.0	0.5	0.6	0.0	0.0	1.7	1.7	1.8	1.0
dentist (including orthodontist)	0.7	1.9	0.6	0.0	0.3	0.2	0.0	0.4	0.0	0.0	0.0
dietitian or home economist.....	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
engineer.....	11.5	19.6	10.0	9.7	5.1	6.9	5.8	1.8	16.4	17.6	5.8
farmer or rancher.....	0.2	0.0	0.0	0.3	0.3	0.1	0.0	0.7	1.0	0.0	9.6
frgn svc worker (incl diplomat)...	1.1	0.4	3.5	0.1	2.2	2.9	1.0	1.5	0.5	0.6	0.0
homemaker (full-time).....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
interior decorator or designer..	0.2	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
intepreter (translator).....	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
lab technician or hygienist.....	0.6	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.7	0.2	5.8
law enforcement officer.....	3.2	3.3	0.3	4.9	2.0	3.3	0.7	0.3	2.2	2.3	0.9
lawyer (attorney) or judge.....	5.6	6.8	14.9	1.6	6.0	6.1	7.8	5.1	2.2	2.3	1.2
military service (career).....	2.8	0.6	1.6	7.0	0.6	0.7	1.8	0.0	0.2	0.2	0.0
musician (performer, composer)...	1.0	1.5	1.0	0.6	0.8	0.9	0.3	0.9	0.5	0.3	2.4
nurse.....	0.1	0.0	0.4	0.2	0.0	0.0	0.3	0.0	1.1	1.2	0.0
optometrist.....	0.2	0.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
pharmacist.....	0.4	0.9	1.1	0.0	0.2	0.3	0.0	0.0	0.6	0.6	0.6
physician.....	4.8	4.1	6.1	1.4	9.2	7.5	3.3	14.7	0.4	0.5	0.0
school counselor.....	0.0	0.0	0.0	0.0	0.1	0.0	0.9	0.0	0.0	0.0	0.0
school principal/superintendent..	0.1	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
scientific researcher.....	1.7	1.4	2.7	1.3	2.1	1.6	3.3	2.4	0.9	0.9	1.1
social, welfare or rec worker....	0.9	0.0	1.2	2.2	0.2	0.2	0.5	0.0	1.9	1.8	2.7
statistician.....	0.1	0.0	0.3	0.0	0.1	0.1	0.4	0.0	0.0	0.0	0.0
therapist (phys, occup, speech)...	0.5	0.3	0.3	0.8	0.5	0.4	0.6	0.8	0.8	0.7	2.1
teacher/admin (elementary).....	1.2	1.1	0.0	1.6	1.1	0.7	0.4	1.9	0.0	0.0	0.0
teacher/admin (secondary).....	4.1	5.4	3.2	3.0	4.4	3.4	5.2	5.9	4.2	3.7	8.9
veterinarian.....	0.7	1.7	0.0	0.0	0.7	0.7	0.3	0.8	0.0	0.0	0.0
writer or journalist.....	2.6	3.1	2.8	1.4	3.3	2.1	2.1	5.7	1.0	0.9	1.6
skilled trades.....	0.3	0.0	0.0	0.8	0.1	0.0	0.0	0.4	9.1	9.6	5.3
other.....	9.3	5.8	7.8	13.3	8.9	11.5	8.6	4.6	11.8	11.0	18.8
undecided.....	6.8	4.8	6.3	7.9	8.0	8.5	4.4	8.9	4.8	4.7	5.3

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
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MALE STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot			
Probable Major Reported in 1987											
Arts and Humanities											
art, fine and applied.....	2.4	1.8	0.5	2.3	3.8	5.9	1.0	1.5	0.8	0.8	1.3
English (language & literature).....	0.9	0.6	0.3	0.8	1.6	1.7	1.5	1.4	0.0	0.0	0.0
history.....	1.4	1.2	2.5	0.7	2.1	2.8	1.1	1.4	0.0	0.0	0.0
journalism.....	1.2	1.7	2.0	0.7	1.0	0.3	1.0	2.0	0.8	0.9	0.0
language (except English).....	0.2	0.0	1.2	0.0	0.3	0.3	0.0	0.4	0.0	0.0	0.0
music.....	0.6	0.0	3.3	0.0	1.1	1.0	1.8	0.8	0.7	0.0	7.8
philosophy.....	0.4	0.4	0.6	0.1	0.6	0.7	0.0	0.7	0.0	0.0	0.0
speech.....	0.2	0.5	0.3	0.0	0.2	0.0	0.3	0.5	0.0	0.0	0.0
theater or drama.....	0.6	0.0	0.5	1.0	1.0	1.0	0.0	1.4	0.0	0.0	0.0
theology or religion.....	0.3	0.0	0.3	0.0	1.1	2.0	0.0	0.0	0.0	0.0	0.0
other arts and humanities.....	0.2	0.6	0.3	0.0	0.1	0.1	0.3	0.0	1.7	1.9	0.0
Biological Sciences											
biology (general).....	2.4	2.6	2.6	1.7	2.9	3.2	2.6	2.7	0.9	1.0	0.0
biochemistry or biophysics.....	0.3	0.1	1.5	0.2	0.3	0.2	1.1	0.0	0.0	0.0	0.0
botany.....	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0
marine (life) science.....	0.5	0.0	0.2	1.4	0.1	0.2	0.3	0.0	0.3	0.3	0.0
microbiology or bacteriology.....	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.3	0.3	0.0
zoology.....	0.1	0.2	0.0	0.0	0.2	0.2	0.0	0.3	0.2	0.2	0.0
other biological sciences.....	0.3	0.4	0.4	0.2	0.3	0.1	0.0	0.7	0.0	0.0	0.0
Business											
accounting.....	9.3	10.6	2.7	13.5	5.6	5.3	6.3	5.7	4.0	4.0	3.2
business admin (general).....	7.8	9.2	9.7	3.6	10.4	10.4	7.5	11.9	3.6	2.8	12.0
finance.....	3.7	4.3	5.7	2.6	3.4	1.5	12.5	2.2	2.2	2.3	1.0
marketing.....	2.6	2.2	2.3	2.3	3.3	3.5	4.5	2.3	2.4	2.3	4.4
management.....	4.6	3.0	4.3	7.1	3.4	3.7	5.0	2.0	9.3	10.2	1.1
secretarial studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other business.....	1.5	0.8	1.2	2.6	1.1	1.7	0.6	0.4	0.2	0.2	0.0
Education											
business education.....	0.1	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0
elementary education.....	1.0	1.5	0.0	1.2	0.7	0.6	0.7	1.0	0.2	0.3	0.0
music or art education.....	0.2	0.0	0.0	0.3	0.4	0.3	0.0	0.9	0.1	0.0	1.5
physical education or recreation.....	0.8	0.0	0.0	0.7	2.0	3.3	0.0	0.7	0.2	0.0	1.7
secondary education.....	1.0	0.6	0.0	1.6	1.2	0.7	0.0	2.6	2.3	2.5	0.0
special education.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other education.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Engineering											
aeronautical/astronautical eng..	3.5	5.0	2.4	4.9	1.0	1.6	0.3	0.3	8.9	9.8	0.0
civil engineering.....	0.9	1.2	0.3	0.9	1.0	1.1	1.2	0.7	1.6	1.5	2.1
chemical engineering.....	1.0	2.1	1.6	0.4	0.5	0.7	0.3	0.2	1.8	2.0	0.0
electrical/electronic eng.....	5.4	8.4	3.7	5.5	2.6	3.6	2.0	1.3	8.6	9.2	2.3
industrial engineering.....	0.1	0.0	0.0	0.0	0.4	0.3	0.0	0.6	0.9	0.7	3.4
mechanical engineering.....	3.6	6.4	5.0	2.7	1.1	1.5	1.2	0.6	4.7	4.8	2.9
other engineering.....	2.0	2.8	4.5	0.9	1.3	1.3	2.5	0.8	1.8	2.0	0.2

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MALE STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
		Pub	Priv								
Probable Major Reported in 1987											
Physical Sciences											
astronomy.....	0.1	0.1	0.0	0.0	0.1	0.0	0.4	0.0	0.1	0.1	0.0
atmospheric science.....	0.1	0.3	0.0	0.0	0.1	0.3	0.0	0.0	0.5	0.6	0.0
chemistry.....	0.9	0.5	1.3	0.8	1.1	1.4	0.6	1.0	0.6	0.6	0.0
earth science.....	0.1	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
marine science.....	0.3	0.0	0.2	0.8	0.3	0.1	0.2	0.7	0.0	0.0	0.0
mathematics.....	1.1	0.6	1.2	1.9	0.6	0.2	1.2	0.9	0.0	0.0	0.4
physics.....	0.7	1.3	1.6	0.1	0.6	0.7	0.6	0.2	0.1	0.0	1.2
statistics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical sciences.....	0.0	0.0	0.0	0.0	0.2	0.1	0.6	0.0	0.2	0.2	0.0
Professional											
architecture or urban planning..	0.6	0.8	1.3	0.3	0.4	0.7	0.0	0.0	1.8	1.1	8.4
home economics.....	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
health technology.....	0.6	1.2	0.9	0.0	0.6	0.6	0.2	0.9	1.2	1.3	0.0
library or archival science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing.....	0.2	0.0	0.1	0.6	0.1	0.0	0.0	0.3	0.0	0.0	0.0
pharmacy.....	0.5	1.5	0.2	0.0	0.3	0.4	0.0	0.3	0.1	0.0	0.6
preudent, premed, prevet.....	3.2	3.9	6.4	1.2	3.7	3.9	2.0	4.3	0.5	0.5	0.0
therapy (phys, occup, speech).....	0.9	0.9	0.3	1.6	0.5	0.2	0.8	0.9	0.6	0.6	0.6
other professional.....	0.9	0.8	0.4	0.7	1.4	1.1	1.5	1.6	1.0	1.0	0.9
Social Sciences											
anthropology.....	0.4	0.7	0.0	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0
economics.....	0.9	1.4	1.4	0.4	0.7	1.1	0.0	0.5	0.2	0.3	0.0
ethnic studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography.....	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.0	0.0	0.0
political science.....	3.1	2.3	8.8	2.1	3.0	2.5	6.4	2.2	1.0	1.1	0.0
psychology.....	4.7	1.7	1.0	7.5	6.2	5.5	4.7	8.0	1.8	2.0	0.0
social work.....	0.2	0.0	1.4	0.1	0.1	0.2	0.0	0.0	0.4	0.0	4.4
sociology.....	0.2	0.0	0.0	0.3	0.4	0.0	1.2	0.6	0.2	0.0	1.7
women's studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences.....	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.0
Technical											
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	8.0	6.3
data processing, computer prog...	0.9	1.1	0.3	0.8	0.9	0.3	2.7	1.1	0.3	0.4	0.0
drafting or design.....	1.0	0.3	0.0	2.5	0.4	0.6	0.0	0.2	0.0	0.0	0.0
electronics.....	1.0	0.1	0.0	2.9	0.2	0.4	0.0	0.0	3.1	3.2	1.5
mechanics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.6
other technical.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.4	0.0
Other Fields											
agriculture.....	0.2	0.5	0.0	0.1	0.0	0.0	0.0	0.0	3.7	3.1	8.9
communications.....	3.8	1.8	3.9	4.2	5.5	5.4	9.5	3.7	3.3	3.1	4.7
computer science.....	2.1	1.7	1.8	1.9	2.9	1.3	1.4	6.3	2.6	2.6	2.1
forestry.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.0
law enforcement.....	3.1	2.3	0.0	3.1	4.8	1.8	0.1	12.4	1.5	1.2	4.5
military science.....	0.1	0.0	0.0	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0
other field.....	0.8	0.5	0.9	0.1	1.7	1.4	3.7	1.3	1.3	1.3	1.1
undecided.....	5.7	5.0	6.7	5.1	6.6	8.2	6.2	4.0	5.4	5.3	5.9

1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Major Reported in 1989											
Arts and Humanities											
art, fine & applied.....	2.1	1.3	1.1	2.8	2.5	3.4	1.8	1.3	1.3	1.4	0.0
English (language & literature).....	3.0	2.6	2.2	2.5	4.3	5.5	2.3	3.2	0.0	0.0	0.0
history.....	2.8	1.6	7.7	2.1	3.3	2.4	4.0	4.4	1.2	1.2	0.0
journalism.....	1.8	2.0	1.3	1.4	2.4	1.7	1.0	4.2	1.0	1.0	0.0
language (except English).....	0.6	0.8	0.5	0.0	1.2	1.6	1.6	0.4	0.0	0.0	0.0
music.....	0.4	0.3	1.7	0.0	0.7	0.8	1.3	0.2	0.2	0.0	2.6
philosophy.....	0.7	0.4	1.3	0.0	1.7	1.8	0.7	2.1	0.0	0.0	0.0
speech.....	0.3	0.7	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
theater or drama.....	0.9	1.2	0.6	0.7	0.8	1.1	0.0	0.7	0.0	0.0	0.0
theology or religion.....	0.6	0.0	0.0	0.0	2.4	3.6	0.0	1.6	0.0	0.0	0.0
other arts and humanities.....	0.3	0.0	0.2	0.7	0.3	0.0	0.4	0.7	0.0	0.0	0.0
Biological Sciences											
biology (general).....	5.0	4.0	4.1	2.3	10.0	7.2	3.0	17.8	1.6	1.7	0.9
biochemistry or biophysics.....	0.2	0.0	1.4	0.0	0.3	0.4	0.7	0.0	0.0	0.0	0.0
botany.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0
marine (life) science.....	0.0	0.0	0.2	0.0	0.1	0.2	0.0	0.0	0.3	0.3	0.0
microbiology or bacteriology.....	0.1	0.2	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0
zoology.....	0.1	0.3	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0
other biological sciences.....	0.6	1.2	0.4	0.3	0.2	0.0	0.2	0.4	0.8	0.8	0.0
Business											
accounting.....	6.9	5.1	3.8	9.9	6.8	5.5	21.3	2.4	2.8	3.0	0.0
business admin (general).....	4.9	7.1	4.8	1.8	6.0	4.7	5.0	8.7	12.0	12.2	8.7
finance.....	4.7	7.3	4.6	3.0	3.4	4.6	5.2	0.5	2.2	2.4	0.0
marketing.....	2.1	1.1	2.7	1.6	3.7	4.1	3.1	3.2	2.9	2.8	3.8
management.....	4.9	2.3	2.2	9.0	4.3	4.6	5.1	3.3	4.1	4.3	1.8
secretarial studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other business.....	2.4	2.5	1.4	4.1	0.8	1.0	0.9	0.4	1.9	2.0	0.9
Education											
business education.....	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
elementary education.....	1.1	0.8	0.0	1.8	1.0	0.9	0.0	1.7	0.0	0.0	0.0
music or art education.....	0.5	0.6	1.9	0.0	0.4	0.1	0.3	0.9	0.2	0.0	2.7
physical education or recreation.....	1.1	0.6	0.0	1.3	1.8	1.5	3.2	1.9	1.3	1.4	0.0
secondary education.....	1.4	1.6	0.0	1.0	2.1	1.8	1.8	2.7	2.2	2.1	2.4
special education.....	0.1	0.0	0.0	0.3	0.1	0.0	0.5	0.0	0.0	0.0	0.0
other education.....	0.1	0.2	0.0	0.2	0.1	0.0	0.0	0.4	0.0	0.0	0.0
Engineering											
aeronautical/astronautical eng..	1.4	2.1	1.8	1.8	0.0	0.0	0.0	0.0	2.3	2.5	0.0
civil engineering.....	1.1	1.4	1.0	1.4	0.5	0.2	1.9	0.2	2.8	2.7	2.9
chemical engineering.....	0.7	1.1	2.6	0.2	0.1	0.0	0.0	0.2	1.0	1.1	0.0
electrical/electronic eng.....	4.4	6.8	4.1	4.0	2.1	3.4	1.6	0.2	7.9	8.5	1.3
industrial engineering.....	0.5	0.6	0.5	0.8	0.0	0.0	0.0	0.0	0.3	0.3	0.0
mechanical engineering.....	3.5	7.5	1.9	1.9	1.0	1.3	0.7	0.8	3.1	2.8	7.6
other engineering.....	1.5	1.7	2.0	1.8	0.9	1.0	2.8	0.0	1.1	1.2	0.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Major Reported in 1989											
Physical Sciences											
astronomy.....	0.2	0.0	0.0	0.0	0.6	0.0	0.5	1.7	0.2	0.2	0.0
atmospheric science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0
chemistry.....	1.7	1.5	2.0	2.0	1.6	1.8	2.9	0.6	0.7	0.7	0.9
earth science.....	0.3	0.0	0.3	0.3	0.5	1.0	0.0	0.0	0.4	0.4	0.0
marine science.....	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mathematics.....	2.1	1.3	1.6	1.7	3.6	1.8	1.1	7.9	0.3	0.4	0.0
physics.....	0.7	0.8	0.8	0.4	0.8	0.9	1.0	0.5	0.1	0.0	1.7
statistics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical sciences.....	0.1	0.0	0.0	0.3	0.1	0.0	0.5	0.0	0.5	0.6	0.0
Professional											
architecture/urban planning.....	0.5	0.5	2.0	0.0	0.4	0.7	0.1	0.0	3.9	3.4	10.7
home economics.....	0.1	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0
health technology.....	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.8	0.0
law.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
library or archival science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing.....	0.1	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
pharmacy.....	0.5	1.1	0.5	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0
predent, premed, prevet.....	1.2	1.6	0.4	1.1	1.1	1.5	0.9	0.7	0.0	0.0	0.0
therapy (phys, occupat, etc).....	0.1	0.0	0.3	0.0	0.1	0.0	0.7	0.0	0.5	0.2	3.2
other professional.....	0.8	0.7	0.3	1.7	0.0	0.0	0.3	0.0	1.4	0.7	10.1
Social Sciences											
anthropology.....	0.2	0.5	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.0
economics.....	1.8	1.6	6.9	0.3	1.7	2.3	1.4	0.8	1.9	2.0	0.0
ethnic studies.....	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography.....	0.4	1.2	0.0	0.0	0.1	0.0	0.0	0.3	0.3	0.3	0.0
political science.....	6.4	8.2	11.2	3.9	5.4	7.4	5.2	2.2	2.2	2.2	1.8
psychology.....	6.0	2.2	4.6	8.8	8.0	9.3	1.8	8.7	1.0	1.0	1.0
social work.....	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.6	1.7	0.0
sociology.....	1.5	1.6	0.2	2.8	0.2	0.2	0.0	0.4	0.0	0.0	0.0
women's studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences.....	0.2	0.0	0.3	0.0	0.5	0.4	0.0	0.8	0.0	0.0	0.0
Technical											
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	7.0
data processing, computer prog.....	1.4	1.2	0.9	2.1	1.0	0.6	0.5	2.0	8.4	8.9	3.4
drafting or design.....	0.3	0.0	0.0	0.5	0.4	0.8	0.0	0.0	0.0	0.0	0.0
electronics.....	1.2	0.4	0.3	2.9	0.4	0.8	0.0	0.0	1.0	1.1	0.0
mechanics.....	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	1.5
other technical.....	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.8	0.9	0.0
Other Fields											
agriculture.....	0.2	0.5	0.0	0.2	0.1	0.1	0.0	0.0	2.9	2.2	12.7
communications.....	1.9	0.5	2.9	2.1	2.9	2.0	4.8	3.5	4.0	4.1	2.4
computer science.....	2.0	1.3	2.6	3.1	1.4	0.0	4.0	2.5	3.0	3.1	2.1
forestry.....	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	0.0
law enforcement.....	2.2	3.4	0.8	1.7	1.7	2.6	2.5	0.0	2.5	2.6	1.3
military science.....	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field.....	0.9	0.5	1.8	1.2	0.6	0.0	0.5	1.7	1.7	1.6	3.0
undecided.....	1.5	1.1	0.6	3.0	0.5	0.5	0.0	0.6	1.7	1.7	1.5

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All		Nons	Cath	Prot	All	Pub	Priv
		Pub	Priv		Priv	Pub						
Probable Graduate Major												
Arts and Humanities												
art, fine & applied.....	1.3	0.4	0.0	2.3	2.1	2.5	1.5	1.8		0.0	0.0	0.0
English (language & literature).....	1.1	0.5	1.1	1.2	1.6	1.7	1.1	1.6		0.0	0.0	0.0
history.....	0.9	0.4	1.2	1.2	1.2	1.4	0.5	0.9		0.0	0.0	0.0
journalism.....	0.4	0.6	0.5	0.2	0.3	0.6	0.0	0.0		2.1	2.3	0.0
language (except English).....	0.3	0.4	0.2	0.0	0.6	0.3	1.1	1.0		0.0	0.0	0.0
music.....	0.5	0.0	0.9	0.0	1.3	1.2	2.9	0.8		0.3	0.0	2.2
philosophy.....	0.2	0.0	0.2	0.5	0.2	0.0	0.0	0.7		0.0	0.0	0.0
speech.....	0.2	0.0	0.0	0.0	0.6	0.0	0.0	2.1		0.0	0.0	0.0
theater or drama.....	0.5	0.6	0.0	0.0	1.1	0.9	0.0	1.9		0.0	0.0	0.0
theology or religion.....	0.3	0.0	0.0	0.0	1.1	1.2	0.5	1.0		0.0	0.0	0.0
other arts and humanities.....	0.8	0.8	0.0	2.0	0.2	0.0	1.4	0.0		0.0	0.0	0.0
Biological Sciences												
biology (general).....	0.5	0.2	1.5	0.3	0.6	0.5	0.0	1.0		0.1	0.0	1.3
biochemistry or biophysics.....	0.3	0.3	0.3	0.3	0.2	0.4	0.0	0.0		0.0	0.0	0.0
botany.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
marine (life) science.....	0.5	0.0	0.2	0.8	0.9	0.6	1.0	1.4		0.0	0.0	0.0
microbiology or bacteriology.....	0.1	0.0	0.5	0.0	0.1	0.1	0.5	0.0		0.0	0.0	0.0
zoology.....	0.8	1.5	0.0	0.9	0.3	0.0	0.0	0.8		0.0	0.0	0.0
other biological sciences.....	0.7	0.7	1.4	0.9	0.2	0.1	0.9	0.0		1.1	1.2	0.0
Business												
accounting.....	3.5	5.0	1.8	2.9	3.1	2.5	4.8	3.4		1.4	1.6	0.0
business admin (general).....	7.3	7.1	6.8	6.2	8.9	7.1	11.9	11.0		7.6	7.1	11.4
finance.....	5.5	7.1	5.4	5.9	3.2	3.8	7.2	0.4		2.1	2.4	0.0
marketing.....	1.7	0.9	0.3	1.6	3.4	4.8	2.2	1.3		1.9	1.5	4.7
management.....	4.9	4.0	5.1	6.3	4.6	4.1	5.3	5.3		1.3	1.1	2.7
secretarial studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
other business.....	2.6	0.6	2.0	7.1	1.1	1.3	0.0	1.0		3.3	3.7	0.4
Education												
business education.....	0.4	1.0	0.0	0.2	0.0	0.0	0.0	0.0		0.3	0.0	2.8
elementary education.....	0.5	0.0	0.0	2.0	0.2	0.0	0.8	0.2		0.0	0.0	0.0
music or art education.....	0.4	0.3	2.1	0.0	0.2	0.0	0.0	0.7		0.4	0.0	3.1
physical education or recreation.....	0.5	0.4	0.0	1.5	0.0	0.0	0.0	0.0		2.2	2.4	0.0
secondary education.....	1.3	1.2	1.1	0.4	2.5	2.9	1.8	1.8		2.0	2.3	0.0
special education.....	0.3	0.0	0.0	0.0	1.1	1.9	0.0	0.0		0.0	0.0	0.0
other education.....	0.9	0.3	0.4	2.5	0.5	0.3	0.7	0.8		0.0	0.0	0.0
Engineering												
aeronautical/astronautical eng..	2.5	3.4	2.6	3.3	0.7	0.8	0.5	0.5		1.2	0.9	3.1
civil engineering.....	1.0	1.0	0.6	1.7	0.6	0.2	1.2	1.1		17.1	19.3	0.0
chemical engineering.....	0.7	1.4	1.4	0.0	0.2	0.1	0.7	0.0		0.9	1.0	0.0
electrical/electronic eng.....	2.2	2.5	2.3	1.7	2.2	3.5	1.5	0.0		3.2	3.6	0.0
industrial engineering.....	0.8	0.8	0.0	1.8	0.2	0.3	0.0	0.0		0.8	0.6	2.5
mechanical engineering.....	2.4	6.0	0.3	0.7	0.6	0.9	0.0	0.3		0.8	0.9	0.0
other engineering.....	1.6	0.7	2.3	2.1	2.1	3.0	2.0	0.4		0.7	0.6	1.8

1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Probable Graduate Major												
Physical Sciences												
astronomy.....	0.4	0.2	0.0	0.3	0.9	0.0	0.0	2.9	0.3	0.4	0.0	
atmospheric science.....	0.3	0.6	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	
chemistry.....	1.2	1.3	1.1	0.9	1.4	1.2	3.1	1.0	0.0	0.0	0.0	
earth science.....	0.1	0.0	0.3	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	
marine science.....	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
mathematics.....	1.2	0.8	0.7	1.9	1.3	1.3	0.0	1.9	0.0	0.0	0.0	
physics.....	1.3	2.4	0.7	0.5	0.8	1.0	0.8	0.5	0.3	0.0	2.4	
statistics.....	0.2	0.0	0.5	0.0	0.4	0.3	0.8	0.6	0.0	0.0	0.0	
other physical sciences.....	0.1	0.0	0.0	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	
Professional												
architecture/urban planning.....	0.9	0.4	1.6	1.9	0.2	0.4	0.2	0.0	3.6	2.7	10.8	
home economics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
health technology.....	3.7	3.9	2.1	3.2	4.8	7.2	1.8	1.5	2.1	2.4	0.0	
law.....	12.3	14.7	25.3	4.3	10.7	7.5	19.0	13.4	5.9	6.4	2.5	
library or archival science.....	0.3	0.3	0.0	0.0	0.8	0.0	0.5	2.6	0.0	0.0	0.0	
nursing.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	3.1	0.0	
pharmacy.....	0.5	1.1	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.2	
preudent, premed, prevet.....	4.1	5.4	3.5	1.1	5.4	5.9	4.3	5.1	1.1	1.2	0.0	
therapy (phys, occupat, etc).....	0.6	0.5	2.3	0.0	0.4	0.0	1.3	0.9	2.0	1.9	2.6	
other professional.....	2.4	3.3	1.0	2.7	1.5	1.3	1.0	2.2	1.6	1.6	1.9	
Social Sciences												
anthropology.....	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
economics.....	0.4	0.0	0.9	0.3	0.9	0.9	0.7	1.0	3.2	3.6	0.0	
ethnic studies.....	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
geography.....	0.4	1.2	0.0	0.0	0.1	0.0	0.0	0.5	0.0	0.0	0.0	
political science.....	2.0	0.4	5.0	2.9	1.8	2.2	2.4	0.7	4.4	4.9	0.0	
psychology.....	4.6	1.6	0.5	3.0	11.7	12.2	2.9	14.2	0.2	0.0	1.5	
social work.....	0.3	0.0	0.0	0.3	0.7	1.1	0.2	0.0	0.4	0.0	3.9	
sociology.....	1.0	0.8	0.0	2.5	0.3	0.3	0.0	0.3	0.0	0.0	0.0	
women's studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
other social sciences.....	0.1	0.0	0.7	0.0	0.1	0.1	0.0	0.0	3.4	3.8	0.0	
Technical												
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	7.4	
data processing, computer prog...	1.0	1.5	0.0	1.4	0.6	0.7	0.0	0.6	1.4	1.5	0.0	
drafting or design.....	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
electronics.....	0.3	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0	
mechanics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	0.0	
other technical.....	0.3	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.3	0.0	2.8	
Other Fields												
agriculture.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0	
communications.....	1.1	0.4	1.5	1.7	1.3	0.4	2.8	2.2	2.2	1.0	11.1	
computer science.....	1.5	1.3	1.3	2.6	0.8	1.0	0.6	0.6	2.2	2.1	2.9	
forestry.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.3	7.1	
law enforcement.....	1.9	3.8	0.4	1.2	1.0	1.7	0.0	0.0	0.7	0.8	0.0	
military science.....	0.3	0.0	0.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
other field.....	1.3	2.2	1.2	0.6	0.7	0.3	1.0	1.4	1.1	1.3	0.0	
undecided.....	3.0	1.4	4.0	5.2	2.7	2.7	4.7	1.9	5.2	5.1	5.8	

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub						All	Pub	Priv
		Pub	Priv		All	Priv	Nons	Cath	Prot			
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1987)												
Studying/Homework												
none.....	1.0	0.5	1.0	0.8	1.7	1.9	1.1	1.6		0.6	0.6	1.1
less than one.....	9.7	12.0	5.8	8.8	9.4	10.1	7.3	9.3		9.1	9.1	9.2
1 - 2.....	17.5	16.0	13.6	21.6	15.9	16.6	17.8	13.8		20.8	20.0	27.4
3 - 5.....	28.0	27.7	22.2	29.1	29.1	21.2	31.6	41.4		28.4	27.7	35.1
6 - 10.....	25.3	27.3	27.8	23.1	24.9	28.6	22.0	19.9		32.6	33.7	22.0
11 - 15.....	10.7	10.4	17.5	7.3	12.4	14.3	14.7	8.2		5.2	5.3	3.9
16 - 20.....	3.8	4.3	6.6	3.1	3.1	3.2	3.4	3.0		1.5	1.5	1.2
over 20.....	4.0	1.8	5.4	6.2	3.4	4.2	2.0	2.8		1.8	2.0	0.0
Socializing with Friends												
none.....	0.1	0.2	0.2	0.0	0.1	0.0	0.2	0.3		0.0	0.0	0.0
less than one.....	1.1	1.1	1.0	1.5	0.6	0.7	0.9	0.2		1.0	1.0	0.9
1 - 2.....	2.5	2.1	3.0	3.5	1.7	1.7	3.3	0.9		2.1	2.0	2.6
3 - 5.....	15.7	14.1	14.8	16.6	16.8	16.1	10.8	21.0		17.5	17.9	13.5
6 - 10.....	18.7	22.1	23.4	13.7	19.2	16.7	17.0	24.6		17.8	18.1	14.5
11 - 15.....	20.8	17.5	17.5	24.3	21.6	25.3	25.5	13.6		29.5	30.8	17.2
16 - 20.....	14.8	14.7	17.8	16.7	11.8	12.4	9.5	11.9		13.0	12.7	15.5
over 20.....	26.2	28.2	22.3	23.6	28.1	27.1	32.9	27.5		19.3	17.5	35.9
Talk with Teacher Outside Class												
none.....	7.7	8.7	6.9	9.6	4.6	2.2	7.9	6.9		7.4	7.7	4.8
less than one.....	39.4	41.4	29.0	45.7	33.8	35.5	31.3	32.3		43.1	43.6	38.4
1 - 2.....	31.3	31.1	38.5	24.8	36.1	39.6	31.3	32.6		28.0	26.9	37.7
3 - 5.....	15.0	10.8	18.1	16.5	17.0	14.4	14.8	22.4		17.0	17.8	9.0
6 - 10.....	5.1	7.3	6.1	2.5	5.1	4.6	7.8	4.8		2.7	2.4	5.5
11 - 15.....	0.8	0.5	1.1	0.2	1.5	1.7	3.0	0.6		0.6	0.6	0.7
16 - 20.....	0.6	0.1	0.0	0.6	1.4	2.0	2.1	0.0		0.4	0.4	0.9
over 20.....	0.2	0.0	0.2	0.1	0.4	0.0	1.8	0.4		0.7	0.4	3.1
Exercising/Sports												
none.....	1.9	1.0	2.8	2.7	1.5	1.6	1.5	1.4		1.7	1.5	3.0
less than one.....	5.3	5.9	6.3	4.5	5.1	5.6	6.9	3.3		6.7	6.6	7.9
1 - 2.....	12.1	13.4	9.4	12.9	10.8	10.4	8.5	12.6		9.5	9.0	14.7
3 - 5.....	18.8	21.5	19.2	16.3	18.5	20.8	9.5	19.2		25.4	26.2	18.5
6 - 10.....	18.6	18.1	17.5	19.4	18.6	21.1	22.5	12.2		18.7	18.2	23.4
11 - 15.....	16.5	17.7	21.3	15.5	14.6	14.3	11.9	16.4		15.5	15.4	15.9
16 - 20.....	9.2	10.9	10.1	6.3	10.3	9.3	17.8	8.4		8.2	8.4	5.6
over 20.....	17.6	11.5	13.4	22.4	20.6	16.9	21.2	26.5		14.3	14.7	11.0
Partying												
none.....	13.3	10.1	12.1	18.3	11.6	13.0	6.6	11.7		9.5	9.4	10.7
less than one.....	11.8	12.2	10.2	9.8	14.1	15.2	8.2	15.3		14.5	14.7	13.1
1 - 2.....	14.8	12.3	20.1	14.1	16.3	18.3	11.3	15.2		18.1	18.5	14.6
3 - 5.....	21.0	23.9	16.8	16.9	23.9	24.6	20.7	24.4		23.1	22.5	28.8
6 - 10.....	19.9	22.9	25.7	18.5	16.3	15.7	28.9	11.1		21.0	21.5	15.8
11 - 15.....	7.7	6.9	6.0	9.3	7.5	5.2	2.6	13.9		7.9	7.5	11.4
16 - 20.....	5.9	5.8	4.3	8.5	3.8	3.2	4.5	4.5		2.0	1.9	2.4
over 20.....	5.6	6.1	4.8	4.7	6.5	4.9	17.2	4.0		3.9	3.9	3.2

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ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1987)											
Working (for Pay)											
none.....	27.3	25.5	38.5	22.9	30.5	30.0	22.5	35.4	23.4	24.3	15.3
less than one.....	3.9	7.0	3.6	2.0	2.6	3.2	2.4	1.9	1.1	1.2	0.7
1 - 2.....	5.8	6.8	3.8	6.9	4.2	5.1	2.3	3.6	8.4	9.4	0.0
3 - 5.....	6.4	4.4	8.1	6.0	8.2	3.9	10.8	14.5	5.8	5.6	7.6
6 - 10.....	9.7	7.7	13.3	9.2	11.1	12.5	10.6	9.0	14.5	13.9	19.9
11 - 15.....	10.4	10.1	9.1	10.0	11.5	11.1	16.2	9.9	9.0	9.3	6.7
16 - 20.....	14.6	11.3	11.2	19.2	14.3	14.0	17.1	13.4	16.3	15.2	26.1
over 20.....	22.0	27.2	12.5	23.7	17.5	20.3	18.2	12.4	21.4	21.2	23.7
Volunteer Work											
none.....	58.2	62.6	49.2	62.5	51.8	51.3	43.2	56.6	62.5	61.9	68.4
less than one.....	17.0	15.4	16.1	18.7	17.3	17.6	22.2	14.7	13.6	13.7	12.5
1 - 2.....	14.2	11.9	22.4	12.7	15.3	15.2	17.4	14.6	13.2	13.0	15.3
3 - 5.....	5.5	4.3	8.2	3.5	8.1	7.0	12.0	8.3	7.2	7.6	2.9
6 - 10.....	2.3	1.0	3.2	1.4	4.4	6.2	4.4	1.3	1.9	2.1	0.0
11 - 15.....	1.2	2.0	0.6	0.8	0.9	1.3	0.3	0.6	0.4	0.5	0.0
16 - 20.....	0.9	2.2	0.0	0.2	0.6	0.8	0.2	0.4	0.5	0.6	0.0
over 20.....	0.7	0.6	0.2	0.3	1.5	0.6	0.2	3.5	0.6	0.6	0.9
Student Clubs/Groups											
none.....	34.6	28.6	22.7	42.6	36.2	30.9	38.0	44.3	44.1	44.9	36.5
less than one.....	16.1	17.5	10.3	18.6	13.6	16.9	9.3	10.2	8.9	8.6	11.6
1 - 2.....	21.6	21.8	25.0	20.0	21.9	22.5	27.9	17.8	24.3	24.6	22.2
3 - 5.....	14.3	18.4	22.9	8.4	13.4	13.4	13.5	13.2	14.8	14.8	15.3
6 - 10.....	8.0	9.5	11.1	5.9	7.7	8.4	4.9	7.8	5.6	5.3	8.3
11 - 15.....	2.9	2.0	4.5	2.8	3.5	4.5	4.0	1.6	0.8	0.3	5.1
16 - 20.....	1.0	1.0	0.8	0.4	1.6	2.6	0.5	0.2	0.5	0.5	1.0
over 20.....	1.7	1.2	2.7	1.3	2.2	0.8	1.7	4.8	0.9	1.0	0.0
Watching TV											
none.....	3.7	5.1	4.8	1.8	3.8	3.8	2.2	4.7	1.4	0.9	6.2
less than one.....	11.8	15.5	10.6	9.4	10.9	11.4	5.2	13.0	8.0	7.6	12.1
1 - 2.....	19.1	18.1	20.5	20.1	18.6	13.1	18.5	27.8	21.4	22.3	12.2
3 - 5.....	29.6	26.1	32.4	34.1	27.4	31.6	30.6	18.8	29.7	31.1	16.2
6 - 10.....	18.2	17.5	16.5	17.2	20.8	17.9	26.5	22.9	16.6	15.1	31.0
11 - 15.....	7.2	8.7	8.5	4.4	8.3	10.0	5.4	6.9	15.2	15.1	15.6
16 - 20.....	4.1	4.0	2.3	4.5	4.3	4.9	4.7	3.2	3.8	3.9	2.6
over 20.....	6.3	5.0	4.3	8.6	5.8	7.2	6.9	2.7	4.0	4.0	4.1
Hobbies											
none.....	10.0	8.7	7.3	13.0	8.9	4.7	4.5	18.5	3.9	3.8	4.1
less than one.....	11.5	12.0	12.2	11.8	10.5	11.4	8.5	9.8	8.1	8.7	2.5
1 - 2.....	24.6	24.1	27.0	27.0	21.7	21.0	15.7	26.0	26.6	26.7	25.3
3 - 5.....	24.2	27.8	27.6	19.4	24.5	25.4	27.0	21.6	29.0	29.1	27.9
6 - 10.....	15.2	14.2	14.7	14.1	17.9	19.8	21.8	12.5	20.6	20.5	21.6
11 - 15.....	6.5	5.5	4.7	6.0	8.7	10.5	7.5	6.3	5.4	5.2	7.6
16 - 20.....	1.9	1.3	3.1	1.6	2.5	2.0	6.1	1.6	3.0	2.6	6.5
over 20.....	6.0	6.4	3.3	7.2	5.3	5.1	9.0	3.9	3.5	3.4	4.5

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv	
	Pub	Priv	Pub	All Priv	Nons	Cath	Prot					
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1989)												
Classes/Labs												
none	0.9	0.5	0.0	0.3	2.3	3.6	1.6	0.5	1.4	1.6	0.0	
less than one	0.7	0.0	0.0	1.4	1.0	0.8	0.6	1.4	0.5	0.2	4.5	
1 - 2	2.3	2.0	2.2	2.7	2.2	3.1	1.3	1.0	4.0	3.5	9.3	
3 - 5	6.5	5.8	2.5	8.4	6.5	6.9	6.1	5.8	10.0	10.0	10.4	
6 - 10	9.3	8.1	6.4	7.6	13.8	10.5	5.8	23.2	6.8	7.1	2.8	
11 - 15	29.8	36.1	34.8	21.7	30.7	31.7	28.7	30.1	23.2	23.7	17.7	
16 - 20	36.2	35.7	36.7	43.0	28.6	27.0	39.0	26.2	33.0	34.0	23.6	
over 20	14.3	11.8	17.3	15.0	15.0	16.4	16.9	11.7	21.0	20.0	31.6	
Studying/Homework												
none	0.5	0.2	0.0	0.1	1.6	3.0	0.0	0.0	0.7	0.8	0.0	
less than one	2.3	0.6	0.3	6.3	0.1	0.1	0.6	0.0	6.8	7.0	4.2	
1 - 2	4.6	2.8	3.5	4.3	7.4	10.8	8.0	1.2	5.9	5.9	6.2	
3 - 5	19.4	20.9	15.7	18.3	20.2	12.7	15.4	35.7	21.2	20.1	32.6	
6 - 10	29.7	31.0	23.7	30.5	29.3	33.0	28.6	23.2	26.0	26.4	22.3	
11 - 15	19.3	21.9	24.8	17.3	16.9	16.4	19.8	16.3	15.7	15.1	22.2	
16 - 20	11.3	11.2	12.4	9.9	12.6	13.4	18.5	8.3	7.2	7.6	3.3	
over 20	13.0	11.5	19.6	13.4	11.9	10.6	9.1	15.4	16.4	17.1	9.1	
Socializing with Friends												
none	0.6	0.4	0.2	0.8	0.7	1.3	0.0	0.0	0.2	0.3	0.0	
less than one	0.5	0.2	0.7	0.6	0.5	0.7	0.9	0.0	1.3	1.3	1.0	
1 - 2	4.6	4.8	1.7	4.7	5.3	7.0	3.7	2.9	12.1	12.3	9.8	
3 - 5	14.6	13.2	13.9	20.1	10.2	11.4	9.9	8.0	19.7	19.7	19.4	
6 - 10	23.2	26.0	26.3	21.2	21.5	22.1	18.0	22.3	22.0	21.9	23.0	
11 - 15	19.6	17.0	20.7	22.2	19.0	13.1	36.4	20.9	19.0	19.3	16.2	
16 - 20	13.2	13.1	14.5	9.4	17.5	13.4	9.1	28.7	8.7	8.8	7.7	
over 20	23.6	25.3	22.0	21.0	25.3	31.0	22.1	17.1	16.9	16.3	22.8	
Talk with Faculty Outside Class												
none	13.2	18.0	12.1	12.7	8.9	12.2	4.8	5.3	14.5	15.4	4.8	
less than one	48.9	52.7	51.4	47.4	45.6	45.7	45.1	45.9	38.8	39.1	36.6	
1 - 2	30.4	23.7	30.6	34.8	32.3	30.6	36.5	33.3	28.2	27.8	32.8	
3 - 5	6.0	4.1	5.1	3.5	11.4	9.5	11.6	14.5	14.8	14.1	22.7	
6 - 10	1.0	1.4	0.2	1.0	0.9	0.5	1.6	1.0	2.2	2.1	2.4	
11 - 15	0.3	0.0	0.3	0.2	0.7	1.4	0.0	0.0	0.5	0.5	0.8	
16 - 20	0.1	0.0	0.3	0.0	0.1	0.2	0.4	0.0	0.0	0.0	0.0	
over 20	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.9	1.0	0.0	
Exercising/Sports												
none	5.0	7.3	3.5	4.1	3.9	5.8	1.8	1.5	13.2	13.5	9.7	
less than one	11.0	8.9	11.0	15.6	8.0	8.8	7.4	6.9	8.3	8.3	8.1	
1 - 2	18.9	21.8	17.6	17.3	18.2	17.0	15.2	21.7	31.5	32.4	22.0	
3 - 5	25.8	23.7	29.3	28.8	23.3	24.3	19.4	23.3	24.4	22.9	39.2	
6 - 10	20.4	22.6	19.3	15.3	24.3	25.8	35.7	16.2	15.0	14.6	18.7	
11 - 15	7.1	5.3	6.6	7.3	8.9	7.4	9.8	11.1	4.3	4.7	0.0	
16 - 20	4.0	3.9	4.6	2.8	5.2	6.7	2.2	4.0	1.4	1.5	0.0	
over 20	7.9	6.5	8.1	8.8	8.3	4.1	8.4	15.4	2.0	2.0	2.2	

1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1989)												
Reading for Pleasure												
none.....	24.8	24.7	24.5	23.2	27.1	28.9	23.1	26.1		25.5	25.2	29.4
less than one.....	29.6	25.4	26.8	36.0	27.5	24.1	31.4	31.5		36.2	37.0	27.8
1 - 2.....	28.7	33.2	28.5	27.8	25.0	22.1	21.9	31.5		22.2	21.7	27.1
3 - 5.....	10.9	11.7	12.1	6.6	14.8	17.7	18.6	7.8		12.0	12.4	7.8
6 - 10.....	4.5	2.7	5.7	6.0	4.3	5.8	3.2	2.3		3.0	2.9	4.5
11 - 15.....	1.0	1.6	1.7	0.2	1.0	1.4	0.4	0.6		0.6	0.5	1.8
16 - 20.....	0.2	0.2	0.3	0.1	0.2	0.0	0.5	0.3		0.3	0.4	0.0
over 20.....	0.3	0.7	0.4	0.2	0.1	0.0	0.8	0.0		0.1	0.0	1.6
Using a Personal Computer												
none.....	31.1	36.1	21.4	29.8	30.3	31.7	25.4	30.4		38.8	38.9	37.6
less than one.....	20.7	19.3	24.3	22.5	18.7	17.4	17.8	21.4		13.4	12.2	26.1
1 - 2.....	20.2	19.1	21.8	20.1	21.0	23.4	16.8	18.9		17.4	17.5	16.2
3 - 5.....	16.4	13.0	19.5	17.5	17.7	16.7	26.0	15.5		18.9	19.4	14.0
6 - 10.....	6.7	8.3	6.9	5.2	6.5	5.6	3.3	9.6		7.9	8.3	3.7
11 - 15.....	2.2	2.5	3.3	2.1	1.7	1.4	0.6	2.8		1.3	1.3	1.1
16 - 20.....	1.8	1.6	1.6	1.5	2.4	1.7	8.5	0.5		0.7	0.6	1.3
over 20.....	1.0	0.0	1.1	1.3	1.6	2.0	1.4	1.0		1.6	1.7	0.0
Partying												
none.....	12.2	12.9	8.7	9.2	16.3	22.0	7.6	10.6		16.3	15.4	26.2
less than one.....	9.8	6.4	8.9	10.3	13.2	13.1	7.0	16.4		27.3	28.9	10.9
1 - 2.....	14.4	12.2	14.5	18.3	12.3	10.6	13.2	14.8		14.4	14.7	11.3
3 - 5.....	26.5	27.8	32.2	26.0	23.6	22.2	23.2	26.2		21.2	20.6	27.5
6 - 10.....	20.1	21.6	21.8	20.2	17.8	19.2	27.7	10.5		10.2	10.3	9.3
11 - 15.....	9.0	10.2	7.3	8.9	8.3	4.7	7.4	14.8		3.1	3.1	2.7
16 - 20.....	3.2	3.5	2.2	3.4	2.9	1.6	8.9	2.2		2.5	1.9	8.1
over 20.....	4.8	5.4	4.4	3.7	5.7	6.5	5.1	4.6		5.0	5.1	4.0
Working (for Pay)												
none.....	41.6	42.0	43.2	44.9	36.7	36.4	35.9	37.8		26.9	26.5	31.6
less than one.....	1.8	1.4	2.9	1.5	2.2	2.6	2.5	1.6		2.1	2.2	1.6
1 - 2.....	2.5	3.2	3.0	1.7	2.6	3.2	1.7	1.9		7.6	7.4	10.1
3 - 5.....	5.7	5.7	8.2	4.0	6.9	7.1	8.4	6.0		4.8	5.0	3.5
6 - 10.....	12.6	10.4	17.2	7.8	19.2	15.1	17.3	27.3		14.6	14.2	18.7
11 - 15.....	10.6	9.7	10.1	10.5	12.1	15.1	10.9	7.4		9.5	9.8	6.4
16 - 20.....	9.6	6.8	10.5	10.4	11.3	12.3	7.7	11.3		10.3	10.1	11.4
over 20.....	15.5	20.6	4.9	19.2	8.9	8.3	15.7	6.7		24.2	24.9	16.7
Volunteer Work												
none.....	68.2	69.5	63.8	72.1	63.6	62.6	68.0	63.1		66.9	65.8	77.3
less than one.....	15.6	15.6	16.6	15.6	15.1	16.9	13.7	12.8		14.3	14.9	7.6
1 - 2.....	8.9	8.1	11.8	8.0	10.0	10.2	7.6	10.8		6.3	5.8	10.8
3 - 5.....	4.2	4.9	5.4	1.7	6.0	7.1	6.0	4.1		8.9	9.4	3.4
6 - 10.....	2.0	1.4	1.5	2.1	2.7	3.1	1.7	2.5		2.3	2.5	0.0
11 - 15.....	0.3	0.3	0.6	0.4	0.1	0.0	0.5	0.2		0.9	0.9	1.0
16 - 20.....	0.1	0.0	0.0	0.0	0.2	0.2	0.0	0.3		0.0	0.0	0.0
over 20.....	0.8	0.2	0.4	0.1	2.3	0.0	2.6	6.1		0.5	0.6	0.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities									
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1989)											
Student Clubs/Groups											
none.....	45.4	52.1	35.3	46.6	40.3	42.1	36.1	39.1	67.2	68.1	57.6
less than one.....	11.8	13.0	9.8	13.6	9.0	7.4	15.3	8.7	6.3	5.7	13.2
1 - 2.....	21.5	16.9	22.5	22.9	24.4	25.6	32.7	18.3	10.5	10.0	15.5
3 - 5.....	13.9	11.9	19.0	9.1	20.2	18.4	11.8	27.2	11.1	11.7	5.3
6 - 10.....	4.2	3.7	8.1	3.9	3.8	3.2	3.0	5.3	2.6	2.3	5.8
11 - 15.....	1.6	1.0	2.4	2.0	1.4	1.9	1.0	0.6	1.4	1.5	0.0
16 - 20.....	0.6	0.2	1.1	1.1	0.2	0.1	0.0	0.3	0.5	0.5	0.0
over 20.....	1.0	1.2	1.8	0.7	0.8	1.2	0.0	0.5	0.4	0.2	2.5
Watching TV											
none.....	11.0	7.7	12.4	12.8	12.1	14.9	5.0	10.7	3.9	3.4	9.3
less than one.....	11.9	11.4	19.6	9.6	12.7	13.7	7.8	13.4	21.3	22.2	12.2
1 - 2.....	17.5	19.1	18.9	16.2	16.9	16.3	17.9	17.6	16.2	16.0	17.8
3 - 5.....	26.4	27.4	24.0	27.8	24.3	19.3	35.2	27.7	20.5	20.8	17.8
6 - 10.....	17.3	16.6	18.7	14.9	20.3	19.3	27.1	18.8	23.6	24.0	19.4
11 - 15.....	7.8	10.0	3.7	8.9	5.5	8.9	1.8	1.3	4.5	3.9	10.3
16 - 20.....	2.5	3.6	1.5	0.7	3.7	5.6	1.2	1.6	5.8	6.3	1.4
over 20.....	5.6	4.3	1.4	9.0	4.5	2.0	4.0	9.0	4.2	3.5	11.8
Commuting to Campus											
none.....	54.9	46.5	65.1	55.8	59.7	63.9	51.8	56.3	26.9	24.7	50.4
less than one.....	13.9	12.8	11.7	15.2	14.3	9.9	14.6	21.7	12.1	11.8	15.6
1 - 2.....	13.3	20.3	12.1	11.0	8.5	6.5	16.2	8.3	15.9	16.2	12.5
3 - 5.....	11.1	13.4	6.8	12.1	8.9	11.9	9.9	3.3	32.6	34.6	11.4
6 - 10.....	5.8	6.3	3.4	4.2	8.1	7.6	5.3	10.2	9.6	10.2	3.5
11 - 15.....	0.2	0.1	0.9	0.2	0.1	0.2	0.0	0.0	1.9	1.6	4.9
16 - 20.....	0.2	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.4	0.0
over 20.....	0.6	0.0	0.0	1.4	0.4	0.0	2.3	0.2	0.7	0.6	1.6
Religious Services/Meetings											
none.....	58.2	59.3	50.5	64.0	52.7	49.4	45.0	62.0	64.4	65.6	51.7
less than one.....	14.0	15.8	14.7	12.6	13.5	14.9	16.3	9.6	16.6	16.8	15.6
1 - 2.....	19.9	19.5	29.6	18.5	18.6	16.7	31.7	15.6	14.9	14.2	22.1
3 - 5.....	6.6	5.1	3.3	4.0	12.4	15.3	3.6	11.7	2.9	2.4	8.5
6 - 10.....	0.9	0.2	1.2	0.5	2.0	3.3	0.0	0.9	1.2	1.1	2.1
11 - 15.....	0.2	0.0	0.2	0.3	0.4	0.3	1.0	0.2	0.0	0.0	0.0
16 - 20.....	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
over 20.....	0.2	0.0	0.4	0.1	0.3	0.0	2.3	0.0	0.0	0.0	0.0
Hobbies											
none.....	23.4	19.8	26.8	26.6	22.5	26.2	10.2	22.2	10.3	9.8	15.5
less than one.....	17.3	19.5	23.4	13.7	17.1	16.7	23.1	14.9	28.5	29.4	18.9
1 - 2.....	28.1	29.9	26.5	29.8	24.5	25.2	23.3	23.9	26.8	26.5	29.6
3 - 5.....	17.3	18.9	15.6	15.8	17.9	16.6	23.9	17.4	20.9	21.0	19.9
6 - 10.....	7.4	6.8	5.5	5.8	10.8	6.8	16.1	15.0	6.8	6.6	8.6
11 - 15.....	2.7	1.8	1.0	3.3	3.5	5.6	0.0	1.4	3.2	3.5	1.0
16 - 20.....	2.3	2.0	0.3	4.0	1.2	2.0	0.3	0.2	1.6	1.5	2.2
over 20.....	1.5	1.2	0.8	0.9	2.5	0.9	3.1	5.1	2.0	1.8	4.4

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Year Graduated from High school											
1987.....	98.6	100.0	99.3	97.4	98.3	97.8	98.5	99.0	78.1	75.5	94.6
1986.....	0.8	0.0	0.3	1.4	1.0	1.2	1.5	0.4	4.8	5.2	2.8
1985.....	0.3	0.0	0.4	0.6	0.1	0.2	0.0	0.0	1.5	1.7	0.0
1984 or earlier.....	0.3	0.0	0.0	0.6	0.4	0.7	0.0	0.0	4.0	4.7	0.0
H.S. equivalency (G.E.D. test)...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	12.9	0.0
never completed high school.....	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.6	0.4	0.0	2.6
Age on December 31, 1989											
18 or younger.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0
19.....	3.7	2.1	6.9	3.9	4.1	5.5	4.7	1.7	1.0	0.7	2.6
20.....	80.2	81.5	80.0	80.6	78.6	79.8	77.0	77.9	68.7	65.4	89.2
21.....	15.3	16.1	12.7	14.2	16.6	13.7	17.9	20.1	12.2	13.0	7.5
22.....	0.4	0.3	0.4	0.7	0.3	0.3	0.5	0.0	2.7	3.2	0.0
23-26.....	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.9	1.1	0.0
27-31.....	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	1.0	1.1	0.7
32-41.....	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	6.2	7.2	0.0
42-56.....	0.1	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.6	0.7	0.0
57 or older.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	7.6	0.0
Racial Background (1)											
White/Caucasian.....	83.1	80.7	84.0	81.2	87.6	81.2	91.6	94.7	86.1	86.9	81.4
Black/Negro/Afro-American.....	11.9	12.5	4.0	15.0	9.5	15.0	6.3	3.3	7.1	8.0	2.2
American Indian.....	3.0	7.8	1.0	1.3	0.8	0.9	0.0	1.1	0.9	1.1	0.0
Asian-American/Oriental.....	2.7	4.5	5.8	1.3	1.8	2.5	0.9	1.2	0.2	0.2	0.0
Mexican-American/Chicano.....	0.9	0.9	2.6	1.0	0.3	0.1	0.7	0.5	3.8	1.9	15.3
Puerto Rican-American.....	0.5	0.0	1.9	0.9	0.0	0.0	0.0	0.0	1.2	1.4	0.0
other.....	1.8	1.8	3.3	1.8	1.4	1.8	1.8	0.5	0.9	0.8	1.1
Miles from Home to College											
5 or less.....	4.5	2.9	3.8	6.2	4.1	4.5	5.2	2.8	15.9	17.2	7.9
6-10.....	6.8	8.3	3.8	7.5	5.3	5.0	9.6	3.2	17.4	18.6	10.1
11-50.....	21.3	18.3	13.7	27.8	18.1	14.6	23.8	19.7	43.9	45.6	33.3
51-100.....	17.4	19.0	10.9	18.1	16.6	13.0	19.4	20.3	10.2	7.1	29.1
101-500.....	36.6	41.1	31.5	35.8	34.3	35.4	29.7	35.5	11.0	10.5	13.7
more than 500.....	13.4	10.5	36.2	4.5	21.6	27.4	12.3	18.5	1.7	1.0	5.9
Status of Parents in 1987											
married-living with each other..	73.1	72.3	79.0	72.3	73.4	71.1	75.9	75.2	56.1	54.9	63.2
divorced or separated.....	22.9	25.4	16.8	22.8	22.3	25.5	15.7	21.4	22.2	23.7	13.5
one or both deceased.....	4.0	2.4	4.1	4.9	4.3	3.4	8.3	3.4	21.7	21.4	23.4
Student's Marital Status in 1989											
not presently married.....	97.7	98.9	97.7	96.4	98.0	98.0	98.5	97.8	82.7	80.4	99.4
married, living with spouse.....	2.0	1.1	1.7	3.1	1.7	1.5	1.5	2.2	17.3	19.6	0.6
married, not living with spouse..	0.3	0.0	0.7	0.4	0.3	0.5	0.0	0.0	0.0	0.0	0.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Average High School Grade												
A or A+.....	15.9	19.6	30.4	10.4	15.2	14.2	11.9	18.4	4.0	3.7	6.0	
A-.....	14.2	17.5	18.4	9.9	15.1	11.9	15.3	19.6	3.9	3.7	5.0	
B+.....	23.7	22.4	29.5	22.7	24.7	23.6	28.0	24.5	20.5	19.6	25.9	
B.....	23.3	20.5	17.4	27.2	22.8	22.3	20.5	24.9	29.2	31.4	15.6	
B-.....	12.3	15.0	2.0	14.8	9.2	11.5	10.0	5.4	12.1	11.7	14.4	
C+.....	6.2	2.4	1.3	9.6	7.1	8.5	8.2	4.7	13.9	15.0	7.7	
C.....	4.4	2.5	1.1	5.3	5.9	8.1	6.1	2.5	16.4	14.9	25.4	
D.....	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Average Undergraduate Grade												
A.....	5.6	6.1	8.6	3.7	6.9	6.8	5.5	7.9	3.4	2.2	10.7	
B+,A-.....	25.6	24.5	32.7	23.7	27.3	25.1	33.3	27.2	20.1	20.8	16.2	
B.....	33.9	39.0	36.4	29.4	33.9	35.4	30.4	33.9	21.5	21.6	21.3	
C+,B-.....	21.8	20.2	20.1	24.9	20.0	19.1	21.7	20.4	35.5	34.1	44.9	
C.....	10.5	8.5	1.6	14.5	9.9	11.8	8.4	7.9	17.6	19.3	7.0	
C- or less.....	2.5	1.8	0.6	3.9	1.9	1.8	0.6	2.8	1.8	2.1	0.0	
Degree Aspirations in 1987												
none.....	1.9	1.7	0.0	3.0	1.4	1.7	1.9	0.5	1.5	1.7	0.0	
vocational certificate.....	0.2	0.4	0.0	0.0	0.2	0.0	0.9	0.0	2.0	2.3	0.0	
associate (A.A. or equivalent).....	0.4	0.0	0.4	0.6	0.6	0.5	0.0	1.2	14.8	15.8	6.7	
bachelor's (B.A., B.S.).....	29.9	27.4	15.3	38.4	26.3	20.1	37.6	28.7	47.9	50.2	28.8	
master's (M.A., M.S.).....	37.9	38.0	43.7	34.5	40.5	39.4	37.6	43.6	17.3	16.0	27.5	
Ph.D. or Ed.D.....	14.2	14.8	18.6	10.9	16.3	20.8	10.2	13.3	1.8	0.8	10.0	
M.D., D.O., D.D.S., D.V.M.....	8.7	12.6	9.6	6.4	6.9	8.3	5.1	5.9	11.3	12.2	3.8	
LL.B. or J.D. (law).....	4.8	3.7	12.3	2.5	6.7	7.5	5.5	6.1	2.6	0.3	21.4	
B.D. or M.Div. (divinity).....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0	
other.....	2.0	1.5	0.0	3.7	1.2	1.8	1.2	0.3	0.8	0.7	1.8	
Highest Degree Earned by 1989												
none.....	89.4	85.8	95.3	91.6	88.4	87.8	85.5	90.7	65.1	68.8	33.0	
vocational certificate.....	1.6	0.9	0.0	2.0	2.2	1.2	1.7	3.7	4.9	4.5	8.5	
associate (A.A. or equivalent).....	6.6	9.7	2.5	4.1	8.0	8.9	11.5	4.9	21.5	17.4	57.4	
bachelor's (B.A., B.S., etc.).....	0.5	0.3	0.8	0.3	0.8	1.2	0.2	0.6	0.8	0.9	0.0	
master's (M.A., M.S., etc.).....	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.5	1.7	0.0	
Ph.D. or Ed.D.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
M.D., D.O., D.D.S., D.V.M.....	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
J.D. or LL.B. (law).....	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	
B.D. or M.Div. (divinity).....	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	
other.....	1.8	3.1	1.5	1.9	0.4	0.5	1.0	0.0	6.1	6.7	1.1	
Degree Aspirations in 1989												
none.....	2.3	2.0	0.0	2.8	2.7	2.4	1.5	4.0	6.6	6.5	7.2	
vocational certificate.....	0.1	0.0	0.0	0.0	0.5	1.1	0.0	0.0	3.1	3.5	0.0	
associate (A.A. or equivalent).....	0.5	1.2	0.0	0.0	0.5	0.4	0.3	0.8	20.6	22.9	3.2	
bachelor's (B.A., B.S., etc.).....	28.7	26.9	27.6	30.4	28.8	25.9	24.1	35.8	31.1	31.7	26.5	
master's (M.A., M.S., etc.).....	41.5	37.7	35.9	48.0	38.7	36.1	43.4	39.8	21.7	17.7	53.3	
Ph.D. or Ed.D.....	13.8	16.3	19.2	10.6	13.8	16.8	16.7	7.7	3.0	2.5	6.8	
M.D., D.O., D.D.S., D.V.M.....	3.9	4.3	5.4	2.2	5.2	6.3	2.8	5.1	9.6	10.8	0.0	
J.D. or LL.B. (law).....	5.0	3.5	11.3	3.1	7.1	7.8	7.6	5.8	0.9	0.9	1.0	
B.D. or M.Div. (divinity).....	0.6	0.5	0.0	0.9	0.4	0.2	0.0	1.0	0.0	0.0	0.0	
other.....	3.6	7.5	0.6	2.0	2.2	3.1	3.6	0.0	3.4	3.5	2.1	

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Freshman College was Student's												
first choice.....	67.4	74.2	73.8	58.9	69.8	67.8	70.9	71.9		61.6	57.2	88.8
second choice.....	23.5	18.0	18.9	29.0	23.2	23.8	22.4	22.8		33.3	37.0	9.8
third choice.....	7.1	5.8	4.6	10.1	5.1	5.7	6.0	3.9		4.5	5.0	1.3
less than third choice.....	2.0	2.0	2.7	1.9	1.9	2.8	0.7	1.4		0.7	0.8	0.0
College Experiences Noted Very Satisfactory or Satisfactory (2)												
science and mathematics courses.....	58.3	49.0	59.7	57.6	69.1	67.5	68.1	71.7		49.4	50.3	42.6
humanities courses.....	75.9	71.5	81.3	72.6	83.3	83.7	84.0	82.5		54.5	50.7	81.8
social science courses.....	71.5	70.4	82.7	66.5	75.8	73.8	78.5	77.2		61.8	61.2	68.7
courses in major field.....	82.3	77.1	85.7	81.6	87.3	87.1	86.8	87.9		75.3	77.1	65.7
general education requirements.....	64.6	58.8	71.5	63.7	70.0	69.2	73.4	69.2		58.3	56.4	71.3
relevance of coursework to life.....	49.8	44.6	56.9	41.4	63.9	64.0	63.8	63.7		43.6	38.0	74.3
overall quality of instruction.....	72.3	65.0	83.5	66.7	83.8	83.5	82.9	84.8		67.2	68.3	61.0
lab facilities and equipment.....	72.2	76.4	74.0	71.1	68.7	63.6	72.5	73.5		74.9	75.6	70.5
library facilities.....	75.0	89.5	71.1	73.1	63.7	61.0	73.5	62.2		73.1	75.4	59.1
computer facilities.....	76.7	74.1	78.3	79.9	74.8	73.7	79.1	73.8		75.3	78.7	49.8
oppty for interdisciplin courses.....	56.8	51.9	68.2	55.0	59.8	59.4	55.1	62.6		45.1	47.0	27.5
oppty to talk to professors.....	77.4	64.1	79.7	77.3	90.3	89.6	90.3	91.4		74.0	74.3	72.2
oppty for extracurr activities.....	76.5	75.0	75.1	76.2	78.8	74.6	75.1	86.8		57.7	59.1	47.9
campus social life.....	70.3	78.8	63.7	69.5	64.4	62.2	65.4	66.9		53.2	55.2	39.6
regulations on campus life.....	49.4	51.7	44.0	50.1	47.9	49.6	45.2	46.9		42.8	45.2	26.9
academic tutoring or assistance.....	70.1	65.7	59.1	70.9	75.9	75.0	79.1	75.5		56.0	57.3	48.1
academic advising.....	56.9	45.2	48.7	58.7	67.8	62.5	78.2	69.7		61.9	63.1	55.1
career counseling and advising.....	55.1	50.1	45.9	54.5	63.5	59.8	68.9	65.6		57.6	59.1	48.6
personal counseling.....	51.3	47.2	48.1	48.2	59.1	52.5	69.2	63.5		60.5	57.9	84.1
student housing.....	55.7	55.5	61.7	48.7	62.7	58.1	65.1	67.8		50.9	47.7	64.5
financial aid services.....	39.9	28.7	39.2	37.3	52.4	47.4	57.4	55.6		57.1	56.9	58.1
contact with faculty and admin.....	58.1	37.0	68.1	54.3	80.3	79.5	81.8	80.6		62.7	61.9	67.7
relations with faculty & admin.....	60.0	47.0	63.5	55.6	76.9	75.0	80.6	77.5		70.2	70.8	66.7
oppty to attend films,concerts.....	76.3	81.2	79.2	74.6	73.0	73.6	66.1	76.0		62.7	67.1	32.9
job placement services.....	56.4	57.0	47.8	57.6	56.3	54.7	65.2	53.0		48.4	44.8	67.8
campus health services.....	54.6	56.2	42.2	60.8	48.5	44.6	55.1	50.6		52.1	50.5	60.5
overall college experience.....	81.2	81.7	82.1	79.9	82.3	81.1	83.0	83.5		72.9	75.0	60.5
Enroll at Freshman College Again												
definitely yes.....	41.1	47.1	44.9	35.3	41.3	41.6	37.3	43.1		35.0	34.9	36.0
probably yes.....	29.5	26.9	30.2	31.0	30.2	28.7	32.4	31.1		32.7	35.1	17.9
don't know.....	4.0	3.0	3.8	5.0	3.9	3.5	4.9	3.9		1.7	1.8	1.0
probably not.....	15.2	14.6	12.0	16.8	14.4	16.2	13.3	12.5		19.4	20.8	10.7
definitely not.....	10.2	8.3	9.1	11.9	10.2	10.0	12.0	9.4		11.2	7.4	34.5

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	Four-year Colleges					All	Pub	Priv
		Pub	Priv		All	Priv	Nons	Cath	Prot			
Student Took Time Off, Withdrew or Transferred												
no.....	71.5	77.7	79.6		65.5	70.7	72.0	71.9	68.2	56.3	59.1	40.3
transferred.....	18.1	16.6	12.7		17.9	21.4	20.1	22.0	22.8	17.7	14.1	38.8
withdrew.....	5.1	3.2	2.4		7.6	4.6	3.7	3.5	6.7	14.5	13.5	20.0
leave of absence.....	5.2	2.4	5.2		9.0	3.3	4.2	2.7	2.3	11.5	13.3	0.9
Reasons Noted as Very Important for Taking Time Off (3)												
reconsider goals & interests....	46.3	45.9	45.6		49.1	42.8	46.5	44.3	37.1	31.2	35.5	10.3
changed career plans.....	26.6	29.8	21.5		22.0	31.6	30.5	26.5	35.6	30.4	34.3	12.0
wanted practical experience....	18.7	13.7	6.1		25.0	15.8	12.9	25.3	14.8	20.8	23.7	6.5
didn't "fit in".....	26.2	33.3	23.0		23.1	25.8	26.5	23.2	26.1	7.3	7.7	5.2
was bored with course work.....	16.0	15.8	19.2		15.5	16.2	19.9	9.3	14.6	6.7	6.2	9.0
wanted better acad. reputation..	23.5	18.9	15.7		30.1	18.9	14.6	42.4	13.4	22.1	17.2	45.4
wanted better social life.....	17.9	12.2	18.7		20.1	19.0	21.2	21.8	14.6	2.8	2.7	3.5
wanted to be closer to home....	21.6	23.8	17.3		24.5	16.5	22.7	9.8	11.6	26.3	23.3	40.9
had good job offer.....	4.6	4.0	1.6		3.9	6.7	2.7	5.5	12.6	3.5	4.2	0.0
wasn't doing well academically..	28.2	44.9	16.3		31.1	12.7	6.2	13.9	20.9	16.5	18.5	6.5
family responsibilities.....	13.8	9.5	5.4		20.9	8.2	10.9	9.6	4.0	26.9	27.4	24.7
tired of being student.....	7.8	12.6	4.0		6.8	6.1	6.7	4.1	6.3	20.9	24.6	3.5
couldn't afford college.....	27.7	21.0	21.2		33.3	25.4	15.7	26.5	37.8	25.0	23.8	30.9
wanted wider course selection...	27.6	16.8	26.9		30.3	32.0	35.5	50.5	17.8	10.1	8.6	17.6
ENROLLMENT STATUS												
First Year												
attended first college full-time	98.1	99.1	99.8		96.6	98.7	99.2	99.0	97.7	95.2	94.6	98.9
attended first college part-time	0.6	0.6	0.2		1.0	0.1	0.0	0.0	0.4	1.0	1.2	0.0
attended diff college full-time.	0.9	0.0	0.0		2.1	0.6	0.8	1.0	0.0	2.2	2.6	0.0
attended diff college part-time.	0.1	0.0	0.0		0.0	0.3	0.0	0.0	0.9	0.9	1.1	0.0
not enrolled.....	0.3	0.3	0.0		0.4	0.3	0.0	0.0	1.0	0.6	0.5	1.1
Second Year												
attended first college full-time	77.5	79.9	86.4		71.6	80.0	77.9	80.5	82.8	64.5	66.9	48.6
attended first college part-time	5.4	4.3	0.8		9.6	2.7	3.6	3.6	1.0	21.7	24.5	2.8
attended diff college full-time.	12.3	11.7	8.2		11.1	15.7	17.4	13.6	14.4	10.2	4.8	45.7
attended diff college part-time.	1.5	1.6	1.8		1.9	1.0	0.6	1.4	1.2	0.3	0.3	0.0
not enrolled.....	3.2	2.6	2.9		5.8	0.6	0.4	1.0	0.6	3.4	3.4	2.9

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FEMALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Have Met or Exceeded Recommended Years of High School Study (4)											
English (4 years).....	98.0	98.2	98.8	98.4	97.2	99.1	95.9	95.2	89.4	88.3	96.0
mathematics (3 years).....	94.0	97.8	98.5	92.6	90.6	90.2	91.6	90.5	76.5	77.1	72.8
foreign language (2 years).....	86.6	90.7	93.5	83.7	84.3	88.6	87.3	76.6	58.0	57.3	61.6
physical science (2 years).....	49.8	57.9	55.8	43.6	47.8	46.9	52.1	46.8	33.0	35.6	17.6
biological science (2 years).....	35.7	38.7	33.7	30.0	40.5	40.0	33.1	45.5	38.1	37.5	41.6
history or Am gov (1 year).....	99.8	99.8	100.0	99.8	99.5	99.5	98.9	100.0	99.7	99.8	99.4
computer science (1/2 year).....	55.9	51.9	62.5	59.1	53.9	52.1	61.8	52.1	47.5	48.1	44.1
art or music (1 year).....	71.6	70.2	69.5	73.2	71.7	71.3	74.8	70.5	71.4	73.5	59.1
Number of Undergraduate Courses Taken Which Emphasize:											
Writing Skills											
none.....	2.0	1.2	3.6	2.9	1.3	0.5	1.3	2.5	6.3	6.8	3.4
1 - 2.....	49.5	47.7	43.9	57.9	41.9	38.1	48.1	43.8	52.8	52.6	54.4
3 - 5.....	34.6	34.3	32.8	32.2	38.5	42.2	37.3	34.0	38.6	38.5	38.9
6 - 8.....	9.3	13.7	13.7	3.7	11.0	11.7	8.1	11.6	1.7	1.6	2.4
9 or more.....	4.6	3.2	6.0	3.3	7.2	7.4	5.2	8.1	0.5	0.4	0.9
Math/Understanding Numbers											
none.....	7.8	5.2	12.4	4.8	13.2	16.7	7.5	11.4	9.0	8.8	10.4
1 - 2.....	54.6	45.2	46.1	61.8	57.3	53.8	61.4	60.1	53.9	52.2	63.6
3 - 5.....	30.4	41.0	30.3	27.2	23.6	25.1	22.7	22.0	33.9	36.2	20.4
6 - 8.....	5.2	6.0	6.4	4.6	5.0	3.8	7.0	5.5	3.2	2.9	5.0
9 or more.....	2.0	2.6	4.8	1.6	0.9	0.6	1.3	1.0	0.1	0.0	0.7
Science/Scientific Inquiry											
none.....	8.9	2.8	12.8	10.7	11.8	13.7	12.3	8.7	19.8	17.6	32.2
1 - 2.....	51.3	48.0	55.9	48.7	56.7	60.6	57.5	50.7	48.8	51.5	32.7
3 - 5.....	25.8	29.3	16.8	30.2	19.1	15.1	16.2	26.6	17.4	15.1	31.0
6 - 8.....	8.4	11.1	8.1	6.4	8.4	6.7	9.7	10.0	12.7	14.5	2.2
9 or more.....	5.6	8.8	6.5	4.1	4.0	3.9	4.3	3.9	1.4	1.3	1.9
History/Historical Analysis											
none.....	13.2	16.0	11.5	12.9	11.5	12.2	9.9	11.3	32.2	31.2	38.5
1 - 2.....	59.4	58.3	47.8	66.1	55.0	50.9	57.8	59.3	56.9	58.1	49.5
3 - 5.....	23.0	22.0	31.7	18.9	26.9	29.1	26.1	24.3	10.2	10.2	10.0
6 - 8.....	3.3	2.7	8.4	1.5	4.7	6.4	4.3	2.6	0.7	0.5	2.1
9 or more.....	1.1	1.1	0.7	0.6	1.9	1.5	1.9	2.5	0.0	0.0	0.0
Foreign Language Skills											
none.....	50.1	45.3	31.3	60.1	47.4	47.8	52.7	43.7	80.2	78.2	91.8
1 - 2.....	29.9	26.1	37.4	29.5	32.1	28.4	30.9	38.2	16.8	18.6	6.1
3 - 5.....	17.0	25.8	26.7	7.8	17.3	20.3	14.9	14.4	2.8	2.9	2.1
6 - 8.....	2.1	2.0	3.5	1.7	2.4	2.8	1.5	2.2	0.2	0.2	0.0
9 or more.....	0.9	0.7	1.1	0.9	0.8	0.7	0.0	1.4	0.0	0.0	0.0

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Events Considered Very Likely to Occur (in 1987)												
be elected to student office....	4.2	5.0	3.8	4.6	3.1	2.9	2.1	4.1		8.0	9.3	1.0
be satisfied with college.....	58.4	56.7	71.5	50.8	65.7	64.3	61.2	70.3		49.6	49.0	52.9
change career choice.....	15.9	15.5	19.1	14.1	17.6	17.7	15.9	18.4		9.3	9.6	7.6
change major field.....	16.8	15.6	20.2	17.2	16.4	16.8	15.1	16.6		11.9	12.8	7.2
drop out permanently.....	0.2	0.4	0.0	0.1	0.1	0.0	0.0	0.2		1.3	1.6	0.0
drop out temporarily.....	0.9	1.3	1.3	0.6	0.6	0.5	0.9	0.7		0.2	0.3	0.0
get job to pay expenses.....	39.2	32.3	42.3	38.7	45.5	40.8	49.6	49.9		46.4	51.3	23.3
get married while in college....	4.6	5.2	2.8	4.3	4.8	5.4	3.2	4.8		1.7	1.8	1.3
graduate with honors.....	12.7	14.8	15.0	11.0	12.4	13.9	12.1	10.3		8.3	5.7	21.9
join social frat or sorority....	27.4	30.4	32.9	25.5	25.5	26.5	20.0	27.1		14.4	10.4	35.3
make at least "B" average.....	43.3	43.7	53.5	42.1	41.8	42.1	39.7	42.6		29.1	26.3	44.0
participate in student protests..	6.8	8.1	10.0	3.6	8.6	12.1	5.3	5.5		2.2	1.9	4.0
play varsity athletics.....	11.8	6.9	14.3	12.4	14.9	15.5	16.1	13.4		9.7	10.0	8.0
transfer to another college.....	9.0	6.3	5.8	12.0	8.9	8.1	10.8	9.0		25.7	28.3	12.4
work at outside job.....	18.5	12.1	16.4	23.0	19.7	18.1	23.1	20.3		38.0	43.1	11.4
work full-time while attending..	1.6	0.7	3.1	1.5	2.2	2.8	2.3	1.3		1.1	1.3	0.0
Events Occurring by 1989												
elected to student office.....	15.4	12.0	21.0	11.9	21.7	21.9	21.3	21.6		8.5	7.6	14.8
satisfied with freshman coll (5)	81.0	81.4	82.1	79.6	82.2	81.1	82.6	83.5		67.8	69.1	59.9
changed career choice (5).....	54.4	54.3	51.5	53.4	56.4	58.8	48.7	57.5		34.3	35.1	28.8
changed major field (5).....	52.3	55.0	52.7	49.1	53.6	56.1	48.8	52.9		29.3	23.4	60.8
dropped out permanently (5).....	5.0	3.1	2.4	7.3	4.6	3.6	3.4	6.6		13.2	12.2	19.6
dropped out temporarily (5).....	5.1	2.4	5.2	8.7	3.2	4.1	2.7	2.2		10.5	12.0	0.9
got part-time job on campus.....	49.5	49.4	48.6	42.6	58.7	53.1	59.1	66.3		26.7	26.7	26.9
got married.....	2.1	1.4	2.2	3.2	1.6	1.5	1.8	1.5		10.2	9.4	15.3
graduated with honors.....	1.3	0.0	1.7	1.8	1.9	3.0	1.1	0.9		10.2	8.9	18.0
joined social frat or sorority..	24.8	31.9	30.9	20.1	21.7	19.0	10.6	31.7		4.5	3.4	11.8
made at least "B" average (5)...	65.2	69.6	77.7	56.8	68.2	67.2	69.2	69.0		45.0	44.6	48.1
participated in student protests	18.5	15.1	31.3	15.7	21.9	30.4	15.9	13.0		15.9	17.4	6.2
played intercollegiate athletics	22.2	16.3	24.5	21.8	28.1	28.3	30.8	26.2		13.3	14.0	9.2
transferred before grad (5).....	17.7	16.3	12.6	17.3	21.0	19.8	21.5	22.4		16.2	12.7	37.8
worked part-time job off-campus..	51.2	53.6	44.0	54.7	46.1	45.6	54.0	42.3		63.6	64.8	56.4
worked full-time while student..	8.4	7.1	4.5	12.7	5.4	5.5	6.2	4.6		10.2	11.4	3.2
Other College Activities												
assisted faculty teaching class.	8.2	6.8	3.6	7.5	11.7	10.8	15.2	11.0		4.1	4.0	4.6
attended racial awareness wkshop	28.2	26.6	34.8	26.8	29.7	36.0	22.8	24.7		14.6	15.4	9.7
enrolled in ethnic stud course..	28.1	27.2	31.5	28.0	28.4	31.7	22.3	27.2		6.8	7.2	4.6
enrolled in honors program.....	27.6	22.7	37.1	23.1	35.9	38.5	29.8	35.7		16.1	11.3	45.4
enrolled in interdisc course....	29.8	28.0	51.0	19.6	39.0	39.5	29.9	43.4		13.1	13.8	8.6
enrolled in women's stud course..	19.9	22.5	16.7	20.2	17.7	21.1	16.6	13.4		2.4	2.3	3.2
in college internship program...	9.8	12.8	9.3	4.7	13.3	15.3	9.5	12.7		20.6	19.2	29.1
in study abroad program.....	5.7	2.5	11.2	3.5	10.2	11.1	9.3	9.5		1.1	1.2	0.8
played intercoll foot/basketball	2.9	3.1	2.5	2.3	3.5	1.5	7.6	4.1		1.5	1.7	0.0
purchased a personal computer...	10.7	10.4	14.4	9.5	11.5	15.0	11.2	6.7		20.5	22.9	5.1
taken reading study/skills class	25.5	16.4	16.1	32.0	28.9	33.0	27.9	23.6		28.3	30.1	17.3
taken remedial/develop course...	12.8	9.3	4.0	17.2	13.0	11.4	16.9	13.2		31.5	33.9	16.2
voted in 1988 election.....	63.5	69.4	74.4	56.5	63.7	67.7	70.2	54.2		52.3	51.2	59.5
worked on prof's research proj..	15.7	20.4	14.5	14.1	13.2	15.0	11.4	11.8		6.8	7.4	3.6

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Activities in the Last Year												
Reported in 1987												
attended recital or concert.....	87.2	88.9	90.7	86.0	86.3	87.3	84.7	85.6		71.5	71.2	73.6
didn't complete homework on time	65.4	63.6	63.0	65.3	68.0	70.4	63.2	67.2		65.8	65.8	65.7
drank beer.....	61.4	67.6	61.3	61.3	55.5	54.9	67.0	49.7		52.0	51.9	52.5
drank wine or liquor.....	70.9	75.4	75.3	69.7	66.6	66.8	76.5	60.8		72.9	72.5	75.2
felt depressed (6).....	12.3	9.0	14.6	15.7	10.5	12.1	9.2	8.9		9.0	9.5	6.5
felt overwhelmed (6).....	24.1	22.0	27.8	23.8	25.7	27.7	24.7	23.4		19.7	20.9	12.5
missed school due to illness (6)	5.9	5.0	8.5	3.6	9.2	13.8	6.2	4.2		10.1	11.3	2.7
smoked cigarettes (6).....	10.1	4.5	4.7	16.5	8.8	11.1	10.8	4.2		20.3	22.9	4.8
stayed up all night.....	79.8	79.3	73.1	82.1	79.1	81.7	80.6	74.6		74.5	73.4	81.2
tutored another student.....	51.9	55.8	67.7	44.4	53.3	51.3	54.9	55.3		35.3	34.4	40.2
Activities in the Past Year												
Reported in 1989												
attended recital or concert.....	77.3	68.0	86.8	77.8	83.8	84.7	77.5	86.1		66.5	68.8	50.3
didn't complete homework on time	49.3	40.9	54.1	52.5	52.3	48.0	53.8	57.6		53.2	51.9	62.4
discuss course content w/std (6)	54.2	48.1	62.9	49.8	63.9	68.6	62.5	57.9		58.6	60.1	48.3
discuss political/soc issues (6)	27.6	27.7	45.4	18.2	34.8	40.5	33.7	27.3		14.0	12.7	22.6
discuss racial/ethnic issues (6)	14.6	13.0	24.7	13.5	15.1	21.2	9.6	9.4		7.2	3.5	33.0
drank beer.....	66.4	71.9	68.6	67.8	58.5	56.1	74.0	53.3		53.4	52.6	58.8
drank wine or liquor.....	76.7	78.1	79.3	77.7	73.2	73.5	81.8	68.0		74.7	74.9	73.9
felt depressed (6).....	17.5	15.9	20.6	17.0	18.9	19.8	17.5	18.5		19.5	20.0	16.0
felt like leaving college.....	45.4	39.8	44.9	51.6	43.3	40.0	43.1	48.0		55.5	54.8	61.0
felt overwhelmed (6).....	42.1	37.8	45.0	42.9	44.5	44.0	40.5	47.5		30.2	30.4	28.1
gave a presentation in class (6)	10.2	5.5	6.4	10.9	15.3	18.2	17.8	9.7		7.5	5.4	22.5
missed class due to illness (6)	3.5	2.2	2.5	4.5	3.8	4.0	2.8	4.1		1.6	1.8	0.0
paper critiqued by instructor(6)	36.6	32.9	41.9	32.0	44.9	48.5	49.7	37.1		20.4	19.4	27.4
participated in intramural sport	36.6	37.1	41.5	34.2	37.8	33.3	39.5	43.1		20.3	20.3	20.0
read the student newspaper (6)..	65.1	76.7	70.5	62.4	55.9	58.3	63.3	48.5		35.5	36.2	30.5
received personal counseling....	16.4	13.8	18.3	16.0	19.0	18.6	20.2	19.1		10.5	9.8	16.1
received tutoring in courses....	33.9	31.2	33.1	36.5	33.7	35.4	36.3	29.8		28.9	29.5	24.1
received vocational counseling..	48.8	46.0	43.7	48.9	53.0	51.3	56.2	53.8		47.6	47.1	51.6
smoked cigarettes (6).....	10.0	5.9	8.3	13.0	10.8	11.5	14.6	7.9		22.1	23.8	10.4
social with diff ethnic grp (6)..	45.4	47.7	62.4	40.0	45.3	44.6	45.2	46.3		37.4	33.7	63.6
stayed up all night.....	68.1	63.3	71.7	70.7	68.6	71.9	72.9	61.6		67.0	68.3	57.5
took a multiple-choice exam (6)..	69.9	81.5	49.1	77.4	54.0	46.5	64.2	59.2		71.9	71.1	77.1
took an essay exam (6).....	46.3	33.6	59.9	44.2	58.2	62.1	60.4	51.3		52.2	50.4	65.0
took pt in campus demonstration.	17.1	13.7	26.3	15.7	19.9	27.8	14.2	11.8		16.8	18.5	4.2
tutored another student.....	47.4	45.8	49.5	47.9	47.9	43.3	56.5	49.5		43.8	44.6	38.4
was guest in professor's home...	17.6	8.9	24.9	8.7	36.2	39.1	25.5	37.8		13.2	12.3	19.9
worked on grp proj for class (6)	15.4	10.0	14.4	15.2	21.3	25.2	23.6	14.3		9.9	9.8	11.2
worked on ind research project..	42.4	33.4	40.1	45.6	47.9	50.0	54.1	41.3		43.4	43.5	42.2

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Student Rated Self Above Average or Highest 10% in 1987											
academic ability.....	63.6	74.1	85.2	53.3	60.3	58.7	53.1	66.7	34.6	32.9	44.3
artistic ability.....	25.8	25.5	33.6	24.0	26.5	28.9	24.5	24.2	9.0	9.6	5.2
drive to achieve.....	67.2	72.8	82.0	60.4	66.3	69.2	63.8	63.6	51.8	48.4	72.2
emotional health.....	54.9	62.2	61.3	46.8	56.0	56.9	51.8	56.9	49.7	45.9	72.6
leadership ability.....	54.0	56.9	63.7	52.2	50.8	51.3	47.3	52.0	48.7	48.5	50.3
mathematical ability.....	39.0	52.0	54.7	28.0	35.5	31.8	37.1	40.0	15.5	14.4	22.0
physical health.....	52.4	59.8	53.3	49.0	49.2	48.8	51.5	48.5	46.9	44.7	59.6
popularity.....	44.2	55.0	46.7	39.2	39.1	40.2	41.0	36.5	29.8	28.0	40.5
self-confidence (intellectual)...	51.3	60.1	63.3	45.8	46.3	45.8	43.3	48.7	30.9	29.9	37.1
self-confidence (social).....	43.1	44.3	46.9	44.6	38.9	41.6	37.9	35.5	41.1	40.8	42.9
writing ability.....	44.9	47.0	59.5	40.8	43.9	44.8	40.2	44.6	40.3	37.8	55.2
in 1989											
academic ability.....	67.4	74.1	82.2	61.4	64.2	63.6	63.8	65.2	44.5	45.2	39.7
artistic ability.....	28.3	27.0	37.2	24.6	32.1	33.2	33.9	29.4	12.9	12.9	13.1
drive to achieve.....	67.3	71.7	78.0	62.1	66.8	65.0	69.1	67.9	46.6	47.1	43.2
emotional health.....	50.4	53.8	54.6	45.1	52.7	52.5	50.9	54.0	40.4	37.7	59.2
leadership ability.....	48.6	43.0	60.2	48.9	50.7	48.8	52.8	52.2	49.8	48.5	58.5
mathematical ability.....	33.2	35.7	44.1	28.9	33.2	30.3	33.9	37.0	21.9	21.9	21.7
physical health.....	47.1	52.2	52.8	41.4	47.6	48.6	48.0	45.9	40.2	37.2	61.3
popularity.....	39.4	38.5	44.1	37.4	41.7	46.1	43.1	34.7	37.1	34.3	56.1
self-confidence (intellectual)...	55.8	61.4	64.3	49.8	55.5	61.1	46.8	52.4	43.1	44.0	36.8
self-confidence (social).....	49.2	49.4	53.6	48.5	48.8	53.6	45.1	43.9	53.2	51.3	66.0
writing ability.....	50.0	46.3	59.3	47.9	53.9	57.0	45.8	53.9	51.9	50.4	62.1
listening ability.....	73.2	70.8	78.0	70.9	77.4	77.5	75.7	78.2	65.2	63.5	77.5
Students Reporting Much Stronger Abilities and Skills in 1989											
general knowledge.....	33.5	32.5	36.7	31.7	36.1	40.7	34.5	30.3	29.1	23.0	65.3
problem-solving skills.....	15.2	13.4	19.0	13.2	18.6	19.1	18.8	17.6	13.2	12.8	15.6
knowledge of particular field...	40.3	33.9	47.5	39.3	46.2	48.4	45.2	43.7	36.3	35.4	41.5
critical thinking ability.....	25.6	27.2	27.4	23.6	26.0	29.6	26.4	20.7	21.8	20.0	32.9
writing skills.....	18.5	16.7	20.0	17.0	21.8	25.6	17.5	18.7	25.2	24.6	28.8
foreign language ability.....	12.2	17.4	13.7	7.6	12.6	13.2	8.7	14.1	2.4	2.2	3.6
job-related skills.....	13.4	10.2	14.1	13.1	16.9	17.1	22.4	13.3	27.3	23.8	48.0
religious beliefs & convictions...	9.8	6.0	11.2	6.3	17.6	18.1	17.8	16.9	4.1	3.5	7.4
interest in grad/prof school....	33.9	35.9	32.3	32.7	34.0	33.4	42.3	30.3	28.9	23.3	63.1
preparation for grad/prof school	16.2	14.0	19.4	14.9	19.2	20.9	24.5	13.7	12.7	11.0	23.0
leadership abilities.....	16.3	12.0	15.8	16.8	20.3	21.0	18.8	20.0	23.6	24.4	18.5
ability to work independently...	33.8	31.6	29.8	34.5	36.2	40.7	32.4	31.9	27.8	26.4	35.8
interpersonal skills.....	27.6	25.8	28.7	26.1	31.0	32.1	29.2	30.4	22.3	22.0	23.5
cultural awareness.....	28.3	27.6	34.5	24.6	32.1	35.6	30.4	27.8	16.2	16.3	15.4
acceptance of dif races/cultures	26.8	23.7	24.9	27.0	30.2	33.3	23.9	29.1	23.5	20.5	41.3
competitiveness.....	14.0	11.0	12.8	18.1	12.1	12.9	17.0	8.3	9.7	7.0	26.0
confidence in academic abilities	17.0	12.1	12.4	19.4	20.1	25.7	18.3	13.2	25.2	23.6	34.6
public speaking ability.....	12.8	10.9	10.0	14.0	13.9	13.8	18.0	11.8	19.6	21.2	10.5
ability to work cooperatively...	15.1	10.8	12.7	16.8	17.9	19.7	20.2	13.9	24.0	22.4	33.6

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
LIVING ARRANGEMENTS											
Preferred for Fall 1987											
with parents or relatives.....	8.5	4.2	3.0	12.2	10.2	8.6	15.5	9.7	24.1	20.5	41.8
other private home,apt,room.....	22.1	26.6	12.5	24.4	17.3	19.2	15.4	15.8	35.8	39.3	18.1
college dormitory.....	50.1	39.4	75.3	46.6	57.8	58.2	52.4	60.0	26.3	26.4	25.6
fraternity or sorority house....	8.3	12.7	2.3	6.2	8.1	7.5	7.1	9.3	2.3	1.2	7.8
other campus student housing....	10.1	16.0	6.0	9.6	5.8	6.2	8.5	3.9	3.0	2.6	4.8
other.....	0.9	1.1	0.8	0.9	0.8	0.3	1.0	1.3	8.5	9.9	1.8
Planned for Fall 1987											
with parents or relatives.....	15.3	15.3	7.5	20.6	10.7	10.2	16.9	7.9	49.9	52.3	35.6
other private home,apt,room.....	2.5	3.5	2.3	2.9	1.0	1.7	0.8	0.2	20.0	23.4	0.0
college dormitory.....	80.6	79.4	88.6	75.6	86.1	84.0	81.0	91.9	21.8	14.8	63.5
fraternity or sorority house....	0.1	0.0	0.0	0.0	0.4	0.9	0.0	0.0	0.0	0.0	0.0
other campus student housing....	1.3	1.8	1.7	0.5	1.8	3.2	1.2	0.0	8.0	9.2	0.9
other.....	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.3	0.3	0.0
First Year											
with parents or relatives.....	14.8	15.8	7.5	18.2	11.4	11.7	17.2	7.8	50.5	53.1	35.5
other private home,apt,room.....	4.1	4.7	1.5	6.8	0.7	1.1	0.6	0.2	19.8	23.2	0.7
college dormitory.....	79.9	78.3	90.0	74.0	86.3	84.8	80.3	91.8	27.7	21.9	60.4
frat or sorority house.....	0.2	0.3	0.0	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0
other campus student housing....	0.9	0.8	1.0	0.5	1.5	2.2	1.9	0.2	1.4	1.0	3.3
other.....	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.7	0.8	0.0
Second Year											
with parents or relatives.....	20.1	20.5	7.6	25.6	16.1	16.8	15.8	15.3	49.7	50.0	48.5
other private home,apt,room.....	17.7	23.3	16.7	20.2	9.0	12.9	7.8	3.9	20.6	20.2	22.1
college dormitory.....	53.7	48.9	67.7	45.5	65.3	60.6	63.7	73.2	25.8	25.8	25.9
frat or sorority house.....	3.0	5.1	1.4	1.5	3.1	3.8	0.0	3.6	0.0	0.0	0.0
other campus student housing....	4.9	1.5	6.1	6.4	6.1	5.7	11.3	4.0	2.0	1.6	3.5
other.....	0.6	0.7	0.6	0.7	0.3	0.1	1.5	0.0	1.9	2.4	0.0

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FEMALE STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv
		Pub	Priv	Pub	Priv	Nons	Cath	Prot			
College Attributes Noted as Very Descriptive											
easy to see fac outside off hrs.	32.3	19.5	36.8	23.5	55.2	52.7	52.5	60.3	32.2	30.4	42.9
great conformity among students.	22.8	16.6	32.2	18.3	32.4	32.6	33.9	31.1	20.4	17.2	39.0
most students very bright.....	30.2	32.3	57.5	15.7	39.0	41.2	34.1	38.6	8.6	5.8	25.3
admin open about policies.....	23.9	19.4	16.0	24.0	30.4	30.9	24.7	32.9	24.3	21.8	39.4
keen competition for grades.....	27.0	33.5	42.3	19.9	25.3	25.0	28.6	23.9	19.0	19.5	16.5
courses more theoret than prac..	14.7	13.8	17.9	14.7	15.0	17.3	8.6	15.3	11.8	12.8	5.7
fac rewarded for advising skills	8.7	5.8	6.8	6.6	14.8	15.9	14.3	13.6	12.1	12.8	7.8
little std contact out of class.	7.6	14.8	1.7	6.2	3.5	5.0	4.3	0.9	8.1	8.1	7.9
faculty at odds with admin.....	4.4	3.4	4.0	5.2	4.4	6.2	2.7	2.7	8.6	9.9	0.6
intercoll sports overemphasized.	15.2	23.1	11.5	16.6	6.4	5.3	6.3	8.0	9.0	10.0	2.6
classes usually informal.....	34.9	31.4	22.2	38.7	37.0	40.3	29.4	36.6	38.8	40.9	26.0
faculty respect each other.....	48.5	38.6	55.8	40.6	66.6	63.8	66.3	70.9	53.4	53.4	53.2
most stdnts treated like numbers	17.5	40.9	7.8	13.2	1.9	2.6	2.9	0.3	11.8	13.3	2.6
social activities overemphasized	11.4	14.2	10.7	13.5	6.0	7.4	4.2	5.0	7.1	8.2	1.0
little contact between students.	5.3	12.1	0.8	3.8	1.5	1.8	3.3	0.0	9.2	10.8	0.0
student body apathetic.....	13.9	8.3	19.8	18.6	11.9	13.1	12.5	9.9	12.6	12.2	14.6
stdnts don't socialize regularly	2.9	2.6	2.3	4.3	1.6	0.9	4.0	1.4	3.7	4.0	2.1
fac rewarded for good teaching..	16.6	19.6	12.5	10.3	22.7	24.3	19.4	22.1	18.3	19.2	13.1
Plans for Fall 1989											
attend college full-time.....	88.5	94.0	95.0	80.0	92.1	92.3	93.5	91.0	61.6	61.5	61.7
attend college part-time.....	5.3	3.1	1.0	10.6	1.7	2.0	2.0	1.2	5.8	6.2	3.0
attend graduate school.....	0.2	0.2	0.3	0.3	0.2	0.0	0.2	0.5	0.6	0.5	1.4
attend vocational program.....	1.2	0.6	0.0	2.4	0.5	0.4	0.0	1.0	10.5	12.2	0.0
work full-time.....	9.8	4.3	5.9	16.2	8.1	7.6	7.5	9.2	32.2	32.0	33.4
work part-time.....	56.6	64.0	56.1	53.0	53.8	50.2	55.6	58.1	29.5	25.6	53.8
serve in Armed Forces.....	0.4	0.5	0.0	0.3	0.4	0.1	0.0	1.0	0.0	0.0	0.0
travel.....	5.2	5.9	9.3	2.4	6.8	6.8	4.6	8.0	6.0	2.7	26.2
do volunteer work.....	18.4	22.7	24.0	13.6	18.7	20.5	17.3	17.0	12.1	13.6	2.5
stay at home.....	4.0	3.5	1.7	5.7	3.0	2.0	3.5	4.1	17.6	19.4	6.3
Permission to Use I.D. in 1987											
yes.....	80.1	76.5	80.5	82.9	80.6	80.9	79.4	80.6	82.6	83.2	79.3
no.....	19.9	23.5	19.5	17.1	19.4	19.1	20.6	19.4	17.4	16.8	20.7
Permission to Use I.D. in 1989											
yes.....	69.3	69.3	70.9	69.6	68.5	68.9	64.7	69.9	56.3	55.8	58.8
no.....	30.7	30.7	29.1	30.4	31.5	31.1	35.3	30.1	43.7	44.2	41.2

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Personal Objectives Noted as Very Important or Essential in 1987											
achieve in a performing art....	16.3	13.6	25.0	15.6	17.6	21.1	14.4	14.2	12.2	10.6	20.8
be expert on finance/commerce...	23.5	28.7	26.3	23.2	18.0	15.9	19.6	20.2	25.8	26.0	25.0
be involved in environ cleanup..	17.7	21.9	16.5	14.7	17.6	22.6	11.1	14.0	9.9	8.9	14.7
be successful in own business...	48.7	54.4	41.3	50.2	43.5	46.9	40.5	40.1	50.1	50.3	49.3
be very well off financially....	70.4	71.2	64.7	73.7	66.9	66.5	65.9	68.0	78.4	80.6	66.8
become authority in my field....	78.0	85.4	81.1	75.4	73.5	75.4	78.6	67.7	69.4	66.5	84.9
create artistic work.....	13.7	11.5	15.3	12.7	16.7	20.0	17.4	11.6	12.9	11.5	20.1
develop philosophy of life.....	40.5	41.9	50.6	33.7	45.1	52.4	40.9	37.2	39.1	35.1	59.4
have admin responsibility.....	45.1	51.7	37.6	47.6	37.8	37.2	49.7	32.0	39.6	41.3	30.6
help others in difficulty.....	69.5	73.9	70.1	66.3	68.9	69.2	67.7	69.1	64.6	62.8	73.8
influence political structure...	18.3	23.4	20.5	16.7	14.9	18.8	12.8	10.4	13.8	8.2	42.9
influence social values.....	44.5	50.3	45.2	40.5	43.6	44.2	38.8	45.4	36.9	31.2	67.0
obtain recog from colleagues....	58.9	68.3	61.0	55.4	53.8	53.4	63.2	49.0	53.5	50.5	69.4
participate in community action.	24.3	21.1	29.1	21.2	30.1	33.1	23.7	29.2	18.3	16.1	29.5
promote racial understanding....	33.0	27.7	39.4	32.4	37.2	46.1	30.5	28.3	28.7	27.1	36.6
raise a family (7).....	60.8	62.9	61.6	56.4	64.0	65.9	59.6	63.6	58.2	56.6	66.5
theoretical contrib to science..	9.5	14.3	10.7	5.8	9.2	10.0	7.1	9.1	9.5	7.9	17.9
write original works.....	14.6	11.9	15.9	15.8	15.2	18.1	11.5	13.2	9.2	6.9	21.3
in 1989											
achieve in a performing art....	12.0	13.9	19.3	8.7	12.4	13.7	11.8	11.0	7.6	5.6	19.6
be expert on finance/commerce...	18.9	20.5	21.0	21.2	13.7	10.0	17.1	17.1	22.3	22.1	23.2
be involved in environ cleanup..	31.6	25.9	34.1	33.9	33.7	35.7	33.0	31.2	35.7	35.2	38.5
be successful in own business...	40.9	40.5	35.5	43.7	39.1	42.6	45.6	30.5	42.3	42.7	40.2
be very well off financially....	64.6	62.5	55.0	73.7	57.7	60.2	58.9	53.5	72.8	71.8	78.8
become authority in my field....	74.0	74.2	76.7	75.3	71.2	72.4	75.2	67.2	65.6	66.1	62.9
create artistic work.....	14.3	10.1	16.4	14.3	18.1	18.8	18.0	17.1	6.7	6.9	5.6
develop philosophy of life.....	49.3	43.5	58.0	45.2	58.0	64.5	54.2	50.6	47.1	45.8	54.8
have admin responsibility.....	42.9	41.7	42.4	44.0	42.7	41.2	50.1	40.6	56.7	58.4	47.3
help others in difficulty.....	76.8	75.1	74.3	78.0	77.7	74.1	77.9	82.7	74.3	72.1	87.3
influence political structure...	19.2	19.4	25.3	16.3	21.2	23.6	22.0	17.3	15.0	15.4	12.4
influence social values.....	53.3	56.7	57.6	46.6	57.1	57.5	59.1	55.4	58.2	55.9	71.9
obtain recog from colleagues....	60.0	62.8	54.9	61.7	56.3	57.2	66.3	49.5	55.5	54.4	62.3
participate in community action.	34.7	29.4	44.9	32.2	40.4	43.5	37.2	37.6	27.9	29.3	19.6
promote racial understanding....	42.0	41.6	46.7	40.0	43.7	46.7	37.7	42.6	35.5	35.1	37.8
raise a family.....	72.1	72.8	72.9	71.7	71.9	71.7	73.1	71.4	70.7	68.7	82.3
theoretical contrib to science..	12.3	11.4	6.5	15.7	10.5	10.3	12.7	9.6	14.0	15.9	3.1
write original works.....	14.9	11.3	20.9	14.8	16.9	18.7	16.9	14.5	13.0	13.5	10.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges										
	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Political Orientation in 1987											
far left.....	1.8	0.9	2.6	2.4	1.6	2.3	1.6	0.7	0.3	0.2	0.7
liberal.....	25.2	24.8	29.5	21.5	28.8	37.1	23.9	19.8	11.5	10.7	16.2
middle of the road.....	57.7	61.6	51.0	61.6	50.8	44.7	56.3	56.3	77.4	80.3	59.7
conservative.....	14.6	11.7	16.3	13.6	18.2	15.5	17.3	22.5	10.8	8.8	23.4
far right.....	0.8	1.0	0.5	0.9	0.5	0.3	0.8	0.6	0.0	0.0	0.0
Political Orientation in 1989											
far left.....	1.0	1.1	0.6	0.9	1.2	2.0	1.0	0.2	0.1	0.1	0.0
liberal.....	27.7	26.2	31.5	27.2	29.0	29.5	25.9	30.0	20.4	21.9	9.7
middle of the road.....	49.1	55.2	40.6	48.3	46.3	45.4	52.5	43.9	58.3	56.3	72.9
conservative.....	21.7	16.6	26.8	23.3	23.4	23.0	20.2	25.8	20.4	21.0	16.5
far right.....	0.4	0.9	0.4	0.3	0.1	0.1	0.3	0.0	0.8	0.7	0.9
Agrees Strongly/Somewhat in 1987											
abolish death penalty.....	25.0	21.3	29.2	23.2	29.8	30.2	33.6	27.1	22.4	22.7	21.0
abortion should be legalized....	63.4	70.5	60.4	65.7	54.5	58.6	45.9	53.4	57.0	56.6	59.7
busing OK to achieve balance....	58.2	58.9	53.9	58.4	58.3	59.3	63.0	54.2	53.5	54.5	46.7
college raises earning power....	59.5	64.7	43.9	63.3	54.0	50.2	62.5	54.5	70.6	69.7	76.6
gov't not controlling pollution.	83.6	82.7	83.5	83.6	84.7	86.1	80.0	85.4	81.9	80.5	89.8
gov't not promoting disarmament.	80.1	79.6	80.9	81.2	78.9	79.5	80.0	77.4	69.3	65.8	91.4
marijuana should be legalized...	16.3	15.3	15.9	18.6	14.4	19.8	10.9	8.7	14.5	15.6	7.1
married women best at home.....	18.5	18.3	10.9	21.7	16.8	17.9	18.5	14.2	30.0	31.0	22.8
raise taxes to reduce deficit...	22.4	23.4	22.7	20.1	24.2	24.4	22.1	25.2	13.3	13.4	12.3
Agrees Strongly/Somewhat in 1989											
abolish death penalty.....	24.5	18.6	35.6	22.9	29.6	31.4	38.3	22.1	22.9	23.2	21.2
abortion should be legalized....	75.3	80.5	70.5	77.5	68.7	75.3	62.3	62.5	68.7	68.4	70.6
busing OK to achieve balance....	53.7	52.7	54.2	55.5	52.4	54.6	53.0	49.0	51.5	49.2	67.4
coll ban extreme speakers.....	14.5	12.9	11.3	17.6	13.0	14.4	11.9	11.7	9.5	9.0	13.0
coll involvement in social pgms.	80.9	81.8	83.2	77.6	83.7	87.4	81.2	79.8	81.0	80.1	86.8
coll regulate off-campus acts....	7.0	3.6	6.4	8.2	9.3	10.6	5.5	9.5	7.2	7.1	8.1
college raises earning power....	49.9	55.4	36.2	54.0	43.0	44.3	44.2	40.3	60.5	59.2	69.3
control AIDS w/mandatory testing	48.7	43.5	29.9	59.1	45.9	48.6	44.9	42.7	60.4	60.6	59.6
equal opportunity for women....	97.8	98.3	98.0	97.5	97.8	97.1	99.1	98.1	99.2	99.2	99.4
gov't not controlling pollution.	93.5	95.1	92.3	93.2	92.7	93.8	92.1	91.5	92.4	92.3	93.6
gov't not promoting disarmament.	80.8	80.6	75.5	81.3	81.9	84.1	81.8	78.9	75.4	74.4	81.9
grading in college too easy.....	19.5	18.2	18.1	19.2	21.6	24.1	21.5	18.0	20.9	21.0	20.6
ind can do little to change soc.	32.8	36.3	24.3	34.7	29.4	27.3	32.4	30.7	33.6	31.1	51.0
man not entitled to sex on date.	97.8	97.5	98.0	98.1	97.6	98.0	95.6	98.3	97.1	96.7	100.0
marijuana should be legalized...	19.7	18.1	23.6	22.6	16.6	17.9	16.7	14.6	18.2	20.1	5.0
married women best at home.....	7.4	4.8	4.1	7.4	10.9	13.3	8.3	8.8	13.2	12.9	15.3
national health care plan needed	69.9	67.4	60.7	72.9	70.8	73.6	71.2	66.7	76.9	80.1	54.4
racial discrim no longer problem	9.9	11.1	4.9	9.0	11.2	10.5	14.1	10.6	21.0	22.9	7.6
raise taxes to reduce deficit...	24.8	20.9	32.0	25.8	25.5	27.7	23.9	23.4	11.2	10.8	14.3
wealthy should pay more taxes...	72.5	70.2	62.4	79.0	69.3	67.2	73.9	69.7	81.8	85.7	54.8

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges										
	Universities								Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Agrees Strongly or Somewhat											
a lot of racial conflict here...	27.2	40.5	33.8	23.9	16.1	17.9	15.8	13.8	13.0	14.1	5.1
admin care little about students	28.1	41.0	28.4	24.7	19.5	20.2	22.5	16.7	20.5	22.5	6.6
admin considers faculty concerns	74.3	67.8	73.2	76.4	78.4	77.5	78.6	79.8	75.9	74.7	84.8
admin considers student concerns	52.4	52.5	45.8	48.5	59.0	61.4	57.5	56.3	60.8	63.9	39.5
courses incl feminist perspective	44.7	46.5	45.3	35.6	54.1	57.1	47.7	53.2	33.5	34.4	27.1
courses incl minority perspective	56.5	67.4	51.6	49.8	55.2	58.7	52.7	51.5	41.5	38.2	63.9
curriculum over-specialized.....	20.1	22.8	19.2	19.3	18.7	20.6	20.5	14.9	31.1	34.3	9.4
ethnic groups communicate well..	75.3	68.0	64.0	78.4	81.6	79.2	84.4	83.5	91.0	91.9	85.0
fac committed to welfare of coll	70.4	63.8	69.7	66.1	82.1	80.7	79.3	85.8	64.5	61.7	83.3
fac feels students well-prepared	71.1	71.2	81.9	61.2	80.2	76.1	78.3	87.1	57.9	58.3	54.9
fac interested in acad problems.	70.5	58.2	75.9	67.8	84.8	83.7	86.7	85.2	71.8	69.0	90.3
fac interested in student probs.	60.2	43.7	63.7	54.8	82.4	79.8	81.1	87.0	62.3	57.8	93.5
fac positive about gen ed pgm ..	87.2	84.7	90.5	84.0	92.8	91.7	90.4	95.7	80.6	78.8	93.6
fac sensitive to minority issues	72.7	68.8	71.8	68.3	82.2	79.5	80.6	87.0	72.2	72.8	68.0
low trust btwn minorities/admin.	23.1	29.5	37.0	21.0	15.9	19.1	13.3	12.7	8.2	8.7	4.3
many students don't "fit in"....	34.3	45.2	39.2	30.3	27.1	27.9	29.0	24.9	25.4	26.1	20.2
oppty for fac/stdnt socializing.	48.8	29.7	48.1	48.2	68.9	68.8	70.1	68.5	57.4	57.8	54.7
students resent required courses	60.0	64.6	49.3	64.0	53.3	51.4	50.5	57.6	70.5	74.5	43.0
Objectives Rated as High or Highest Priorities for College											
allow airing of diff opinions...	54.7	54.6	45.9	55.0	56.8	60.7	53.2	53.4	52.2	54.7	35.0
conduct basic & applied research	48.7	61.5	54.6	44.2	39.6	40.3	42.4	37.2	47.0	45.6	57.1
create multi-cultural environ...	48.3	49.8	45.4	44.7	52.2	54.4	49.7	50.5	33.2	33.6	30.3
create positive undergrad exp...	71.0	61.2	75.7	67.3	84.5	84.0	84.7	85.2	62.9	59.7	85.0
devel apprec of multi-cultul soc	47.1	50.0	45.8	40.7	52.5	55.3	50.0	49.9	40.4	40.8	38.1
devel community among fac/stdnts	44.6	24.5	45.1	44.4	65.1	62.4	69.2	66.7	47.7	47.8	46.8
devel leadership ability in fac.	37.7	37.0	36.6	34.0	43.3	47.0	40.9	39.3	36.7	37.1	33.3
devel leadership abil in stdnts.	55.9	42.3	58.7	58.6	65.6	65.8	66.5	64.9	57.3	58.3	50.5
economize and cut costs.....	32.5	39.0	28.8	34.7	24.1	22.8	25.9	24.9	35.5	32.8	54.6
enhance inst's national image...	66.0	76.9	80.3	55.6	64.4	65.1	56.4	67.7	56.5	55.8	61.3
facilitate comm svcs involvement	39.6	35.3	44.2	36.9	46.2	45.5	53.5	43.1	34.7	29.7	68.8
help solve soc/eviron problems..	32.4	28.1	24.2	33.6	37.5	40.5	33.3	35.5	33.1	34.0	27.5
help students understand values.	57.4	40.0	62.2	57.2	73.8	74.3	77.2	71.3	54.1	55.1	47.5
hire faculty "stars".....	16.6	23.4	31.3	10.1	14.1	15.0	12.6	13.6	13.9	15.6	2.0
increase minorities in fac/admin	32.8	35.3	25.5	36.0	28.3	32.3	29.4	22.1	29.8	31.7	17.1
increase women in fac/admin....	30.4	32.6	21.7	28.3	33.3	41.0	35.4	21.3	35.2	36.7	25.0
increase/maintain inst prestige.	75.2	83.4	90.1	62.1	79.6	81.6	75.5	79.3	63.8	62.4	72.9
promote intellectual development	77.6	75.8	85.0	71.7	84.9	84.6	89.6	82.6	67.4	69.6	52.5
raise money for the institution.	56.5	65.6	71.6	44.9	58.1	59.9	52.9	58.3	27.6	23.0	59.2
recruit more minority students..	36.3	44.8	32.0	30.6	36.2	38.6	30.9	35.6	29.4	30.4	22.5
teach students how to change soc	40.5	26.5	35.3	47.8	46.9	46.3	47.6	47.4	33.1	33.0	33.9
Want Copy of Survey Results											
yes.....	93.5	93.9	95.5	94.0	91.9	92.3	91.1	91.9	90.5	90.0	93.2
no.....	6.5	6.1	4.5	6.0	8.1	7.7	8.9	8.1	9.5	10.0	6.8

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1987)												
None												
studying/homework.....	0.3	0.0	0.3	0.4	0.4	0.3	0.5	0.6	0.2	0.3	0.0	
socializing with friends.....	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.9	1.0	0.0	
talk with teacher outside class.	4.3	4.1	3.2	5.9	2.8	3.3	2.3	2.4	9.1	7.3	18.5	
exercising/sports.....	4.2	3.3	3.3	4.9	4.4	5.1	4.4	3.5	11.1	12.5	3.7	
partying.....	12.5	9.2	12.3	11.1	17.4	17.5	14.8	18.6	12.5	12.1	14.5	
working (for pay).....	25.9	26.6	35.2	20.5	29.4	27.1	28.9	33.1	23.9	19.1	49.6	
volunteer work.....	55.7	56.5	41.3	58.6	55.1	55.7	50.5	56.8	51.4	50.7	55.3	
student clubs/groups.....	20.5	20.2	9.2	25.5	17.6	17.5	22.2	15.2	30.5	31.3	26.3	
watching TV.....	4.8	5.0	5.9	4.5	4.5	5.7	4.1	3.0	1.6	1.8	1.0	
hobbies.....	10.3	11.0	6.6	11.7	8.8	10.0	7.9	7.6	7.9	7.5	10.2	
Six or More												
studying/homework.....	55.5	55.1	69.5	50.2	59.0	61.9	50.0	59.9	47.6	46.6	53.2	
socializing with friends.....	83.7	86.1	81.6	83.3	82.3	82.4	83.3	81.5	70.2	69.3	75.0	
talk with teacher outside class.	9.1	8.4	7.5	9.8	9.4	11.7	9.7	5.9	8.2	4.5	28.4	
exercising/sports.....	40.3	46.4	39.6	35.5	40.5	40.4	47.4	36.6	40.1	40.3	39.3	
partying.....	34.4	38.9	28.9	35.9	29.6	32.9	35.6	21.3	38.9	37.7	45.5	
working (for pay).....	62.8	61.4	55.9	70.5	56.4	56.9	61.5	52.8	68.2	72.7	44.0	
volunteer work.....	7.1	6.4	5.4	8.1	7.1	6.5	11.0	5.8	7.3	8.0	3.8	
student clubs/groups.....	22.3	21.8	29.5	18.9	25.3	25.2	20.6	28.0	17.4	18.3	12.6	
watching TV.....	25.4	24.5	19.6	27.7	24.9	23.4	24.9	27.1	30.6	23.9	66.2	
hobbies.....	22.8	21.0	25.6	22.9	23.4	23.7	22.0	23.8	31.5	30.1	39.1	
Sixteen or More												
studying/homework.....	10.3	7.8	22.4	6.9	13.7	16.6	9.2	11.9	6.2	2.7	25.2	
socializing with friends.....	35.0	33.3	29.0	37.5	35.1	36.5	37.7	31.7	39.7	38.0	48.6	
talk with teacher outside class.	1.5	1.0	0.3	1.7	2.1	2.6	2.7	0.9	0.4	0.3	0.9	
exercising/sports.....	12.4	11.5	12.9	13.9	11.3	10.8	14.7	10.0	7.0	7.1	6.4	
partying.....	8.6	5.0	5.7	11.6	8.9	12.2	9.5	4.0	7.6	7.4	8.8	
working (for pay).....	35.9	33.4	28.4	41.0	33.9	32.8	39.3	32.3	34.9	36.7	25.3	
volunteer work.....	1.8	2.3	1.4	1.5	1.6	0.7	4.2	1.5	0.3	0.2	0.9	
student clubs/groups.....	5.4	7.2	6.9	3.8	5.4	7.3	1.6	4.8	9.0	9.4	6.9	
watching TV.....	5.5	5.5	4.5	6.0	5.0	5.6	6.7	3.3	5.6	5.2	7.7	
hobbies.....	4.0	3.2	3.8	4.0	4.9	5.8	3.5	4.4	2.6	1.8	7.2	

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1989)												
None												
classes/labs.....	0.4	0.2	0.0	0.1	0.9	1.1	0.7	0.9	1.8	1.5	3.8	
studying/homework.....	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
socializing with friends.....	0.1	0.2	0.0	0.1	0.1	0.0	0.0	0.2	2.4	2.7	0.0	
talk with faculty outside class.....	8.8	14.6	6.6	7.9	4.6	4.5	4.1	5.0	5.2	5.0	6.4	
exercising/sports.....	5.5	4.4	6.1	6.1	5.7	6.2	4.0	5.9	17.6	18.7	9.5	
reading for pleasure.....	29.3	32.4	29.1	31.8	23.0	20.4	21.3	27.6	31.1	28.3	51.5	
using a personal computer.....	43.2	49.2	30.3	43.2	40.4	37.4	36.4	47.0	49.0	52.6	23.0	
partying.....	14.4	9.9	12.0	14.0	19.9	19.5	14.5	23.6	39.1	41.7	20.8	
working (for pay).....	30.1	34.4	32.8	28.6	27.0	33.3	20.8	21.4	32.9	34.2	23.1	
volunteer work.....	63.7	69.6	57.1	64.6	58.3	62.3	55.8	54.0	71.8	71.5	73.8	
student clubs/groups.....	38.9	43.1	26.1	44.8	30.2	34.0	31.7	24.1	63.3	63.1	64.3	
watching TV.....	10.5	11.4	16.8	6.0	13.9	15.2	10.9	13.7	4.8	4.3	8.3	
commuting to campus.....	58.4	51.5	69.6	51.3	71.5	67.7	67.3	79.1	25.6	24.5	33.1	
religious services/meetings.....	51.4	56.1	41.0	59.2	39.4	47.3	26.4	35.3	55.0	55.6	50.8	
hobbies.....	25.7	26.6	29.1	25.0	24.8	26.1	22.4	24.3	35.5	38.4	15.2	
Six or More												
classes/labs.....	89.5	87.6	96.0	88.1	91.6	91.8	90.1	92.0	82.8	81.7	90.4	
studying/homework.....	78.7	76.0	83.7	76.1	83.4	79.7	83.1	88.9	60.7	59.3	71.0	
socializing with friends.....	78.0	86.2	82.2	71.1	77.7	76.1	78.1	79.6	58.5	60.9	40.7	
talk with faculty outside class.....	1.6	0.7	0.0	1.4	3.3	3.7	1.7	3.5	2.5	2.7	1.2	
exercising/sports.....	21.9	20.5	29.9	20.3	23.2	23.6	24.1	22.2	13.3	14.5	4.3	
reading for pleasure.....	5.6	4.2	2.7	8.3	4.1	4.4	5.4	3.1	12.9	14.3	2.8	
using a personal computer.....	6.3	3.5	8.5	6.0	8.8	11.9	4.4	6.8	7.2	7.0	8.1	
partying.....	31.4	32.2	35.4	31.6	29.4	26.3	39.4	28.2	25.1	26.1	17.5	
working (for pay).....	62.3	60.1	55.2	67.4	59.9	53.7	63.6	66.8	60.3	58.7	71.8	
volunteer work.....	3.4	2.5	3.7	4.2	3.2	3.2	1.9	3.9	2.0	2.0	1.9	
student clubs/groups.....	10.5	11.7	15.4	9.6	9.1	8.6	7.8	10.5	3.5	3.2	5.1	
watching TV.....	19.4	19.9	14.3	20.8	18.5	19.2	22.8	14.9	16.3	16.7	13.6	
commuting to campus.....	9.0	11.1	5.6	11.0	5.2	6.6	4.6	3.6	14.4	15.8	4.8	
religious services/meetings.....	2.4	1.6	1.5	2.8	3.0	2.3	1.6	4.7	1.6	1.4	2.7	
hobbies.....	6.1	9.1	7.6	4.0	5.5	6.6	6.7	3.2	4.6	3.7	11.0	
Sixteen or More												
classes/labs.....	49.3	47.5	53.8	46.2	54.0	52.5	46.6	60.2	34.9	34.5	37.8	
studying/homework.....	27.3	30.1	39.8	20.4	30.0	30.4	28.0	30.6	21.3	22.2	14.8	
socializing with friends.....	29.7	31.3	33.3	25.4	32.7	31.4	32.6	34.6	19.3	19.6	17.0	
talk with faculty outside class.....	0.1	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.5	0.5	0.0	
exercising/sports.....	2.7	1.7	3.7	2.7	3.4	3.3	4.2	3.0	1.3	1.5	0.0	
reading for pleasure.....	0.6	0.7	0.3	0.8	0.3	0.4	0.4	0.2	1.1	1.3	0.0	
using a personal computer.....	0.7	0.8	1.2	0.7	0.6	0.9	0.2	0.4	2.9	3.1	1.6	
partying.....	6.4	6.2	7.0	7.9	4.4	3.8	4.7	5.3	1.8	1.2	5.4	
working (for pay).....	26.3	29.3	16.2	30.2	20.9	21.2	22.8	19.2	39.5	42.2	20.2	
volunteer work.....	0.5	0.6	0.0	0.5	0.6	0.2	0.5	1.2	0.2	0.0	1.9	
student clubs/groups.....	1.8	2.2	2.6	1.5	1.6	2.2	0.4	1.6	0.2	0.3	0.0	
watching TV.....	3.2	4.1	1.1	2.0	4.4	4.5	3.9	4.5	1.2	0.9	3.5	
commuting to campus.....	0.8	0.5	0.9	1.8	0.0	0.0	0.0	0.0	0.8	0.7	1.2	
religious services/meetings.....	0.1	0.0	0.0	0.2	0.2	0.0	0.0	0.5	0.0	0.0	0.0	
hobbies.....	0.5	0.5	0.6	0.3	1.0	1.2	0.3	1.1	0.2	0.2	0.0	

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges										
	Universities		Four-year Colleges						Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Religious Preference in 1987											
Baptist.....	14.2	10.9	5.9	18.8	14.0	14.5	6.3	17.7	12.4	12.1	14.1
Buddhist.....	0.1	0.2	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0
Congregational (U.C.C.).....	1.6	1.4	1.1	1.4	2.1	3.1	0.9	1.2	0.2	0.2	0.0
Eastern Orthodox.....	0.7	1.3	0.4	0.5	0.4	0.5	0.5	0.3	0.0	0.0	0.0
Episcopal.....	4.4	4.0	3.0	3.3	6.4	10.7	2.4	2.6	0.3	0.4	0.0
Islamic.....	0.1	0.0	0.3	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0
Jewish.....	3.2	5.9	5.8	0.8	2.8	4.4	0.1	2.1	0.8	0.3	3.9
Latter Day Saints (Mormon).....	0.1	0.5	0.0	0.0	0.1	0.0	0.0	0.2	0.6	0.6	0.7
Lutheran.....	8.1	6.6	5.1	10.0	7.8	4.2	4.2	15.0	7.3	7.6	5.4
Methodist.....	8.4	9.9	5.9	8.2	7.8	8.1	2.2	10.4	12.2	9.2	29.7
Presbyterian.....	4.3	3.6	5.3	3.4	5.7	3.2	4.4	10.0	4.9	5.2	3.0
Quaker (Society of Friends).....	0.1	0.2	0.0	0.0	0.2	0.2	0.0	0.2	0.0	0.0	0.0
Roman Catholic.....	32.1	30.1	49.7	30.8	30.8	26.7	72.4	13.5	46.3	51.8	14.7
Seventh Day Adventist.....	0.2	0.6	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0
other Protestant.....	5.8	3.2	3.7	7.2	7.0	6.9	1.2	10.5	3.1	2.7	5.5
other religion.....	4.2	3.0	4.1	3.4	6.4	5.5	1.2	10.4	5.8	3.4	19.9
none.....	12.6	18.7	9.4	12.1	8.1	11.4	4.1	5.6	6.0	6.5	3.1
Religious Preference in 1989											
Baptist.....	14.1	11.1	6.3	19.5	12.4	13.4	3.8	15.9	12.2	11.8	15.6
Buddhist.....	0.4	0.3	0.0	0.5	0.3	0.6	0.0	0.0	0.0	0.0	0.0
Congregational (UCC).....	1.6	1.6	1.6	1.9	1.1	1.2	0.5	1.1	0.2	0.2	0.0
Eastern Orthodox.....	0.6	1.2	0.2	0.4	0.4	0.5	0.5	0.3	0.0	0.0	0.0
Episcopal.....	6.0	10.8	2.4	3.3	5.6	9.2	1.5	2.7	0.0	0.0	0.0
Islamic.....	0.2	0.0	0.3	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0
Jewish.....	2.8	5.5	4.9	0.9	1.9	3.0	0.1	1.2	5.6	5.7	4.5
Latter Day Saints (Mormon).....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.6	0.5	0.8
Lutheran.....	7.5	6.6	3.9	8.9	7.5	3.6	3.5	15.4	6.8	6.7	7.4
Methodist.....	8.4	11.3	5.9	7.2	7.5	8.5	3.0	8.6	12.1	8.9	34.6
Presbyterian.....	4.0	2.8	5.0	2.7	6.6	4.6	4.2	10.8	4.5	4.9	2.0
Quaker.....	0.2	0.2	0.0	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0
Roman Catholic.....	30.1	27.6	47.0	27.6	31.3	27.4	73.4	13.1	43.6	47.2	17.8
Seventh Day Adventist.....	0.2	0.5	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0
other Protestant.....	6.4	3.1	4.2	6.6	10.1	10.2	1.5	14.8	6.6	6.5	7.7
other religion.....	3.9	3.7	2.9	3.8	4.6	4.3	1.6	6.7	3.8	3.6	4.8
none.....	13.7	13.5	15.5	16.0	10.4	13.1	6.4	8.7	4.1	4.0	4.8
Born-again Christian in 1989											
no.....	76.5	76.8	86.1	77.5	72.1	73.8	89.0	60.0	74.5	77.7	52.1
yes.....	23.5	23.2	13.9	22.5	27.9	26.2	11.0	40.0	25.5	22.3	47.9

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	Priv	Nons	Cath	Prot	All	Pub	Priv	
Probable Career in 1987 (8)												
artist (including performer)....	10.4	4.8	12.2	11.6	13.9	16.8	15.4	9.1	1.5	1.2	2.9	
business.....	19.8	26.6	16.8	18.8	15.1	10.9	19.2	18.6	30.2	31.9	21.5	
clergy or religious worker.....	0.3	0.0	0.0	0.6	0.4	0.1	0.2	1.0	0.0	0.0	0.0	
college teacher.....	0.4	0.0	0.5	0.5	0.5	0.5	0.3	0.8	0.4	0.2	1.3	
doctor (MD or DDS).....	6.8	10.9	11.5	3.6	5.3	6.6	3.9	4.2	1.6	1.4	2.6	
education (secondary).....	4.4	4.0	2.7	5.8	3.4	1.5	2.9	6.3	3.3	3.7	1.4	
education (primary).....	7.7	3.7	1.2	12.1	8.0	7.2	10.3	7.8	13.3	14.8	5.5	
engineer.....	2.4	3.3	7.2	1.6	1.1	1.5	0.9	0.8	1.3	1.6	0.0	
farmer or forester.....	0.2	0.3	0.0	0.1	0.3	0.1	0.0	0.8	0.7	0.7	0.5	
health professional (non-M.D.)..	7.4	9.2	3.2	8.6	5.1	4.1	5.4	6.4	16.8	14.6	28.3	
lawyer.....	4.9	3.3	12.0	3.4	6.4	6.2	5.7	7.2	0.4	0.4	0.7	
nurse.....	2.3	1.4	0.0	2.6	3.6	1.5	5.8	5.2	2.9	3.1	1.7	
research scientist.....	1.7	1.5	1.8	1.1	2.5	2.9	0.7	3.1	0.7	0.6	1.5	
other choice.....	15.4	13.1	13.4	15.9	17.6	18.4	19.0	15.7	19.9	17.9	30.1	
undecided.....	16.0	17.8	17.5	13.7	16.7	21.8	10.5	13.1	7.0	8.0	2.0	
Probable Career in 1989 (8)												
artist (including performer)....	8.1	4.8	10.4	8.1	10.8	14.6	9.9	5.9	1.4	1.2	2.3	
business.....	23.3	25.8	23.6	26.1	17.3	15.1	22.1	17.8	26.0	25.7	28.3	
clergy or religious worker.....	0.2	0.2	0.0	0.0	0.5	0.5	0.0	0.8	0.0	0.0	0.0	
college teacher.....	0.7	0.5	1.9	0.4	1.1	1.1	0.6	1.2	0.2	0.3	0.0	
doctor (MD or DDS).....	2.9	3.6	5.1	0.9	4.0	3.8	2.9	4.7	2.2	2.5	0.0	
education (secondary).....	5.5	6.7	2.0	5.0	5.8	3.9	5.8	8.6	3.1	2.8	5.9	
education (primary).....	11.6	8.9	3.4	15.8	11.1	10.1	13.3	11.3	11.4	11.4	11.6	
engineer.....	1.8	2.3	5.2	1.8	0.5	0.7	0.2	0.3	0.4	0.5	0.0	
farmer or forester.....	0.6	1.0	0.0	0.1	1.1	0.7	1.8	1.3	0.2	0.2	0.0	
health professional (non-M.D.)..	6.0	8.1	3.3	5.3	5.8	4.1	4.5	8.9	12.1	12.7	5.9	
lawyer.....	4.9	3.9	10.3	3.1	6.6	7.3	8.3	4.8	0.6	0.7	0.0	
nurse.....	3.2	2.5	0.0	4.5	3.0	1.6	4.8	4.1	4.8	4.9	3.9	
research scientist.....	1.5	1.3	1.2	1.8	1.5	1.7	1.2	1.4	1.0	0.8	2.1	
other choice.....	24.0	25.6	24.2	22.2	24.8	27.5	21.9	22.5	33.7	33.6	34.5	
undecided.....	5.6	4.8	9.6	4.9	6.1	7.2	2.6	6.3	3.0	2.8	5.7	
Reasons Noted as Very Important or Essential for Choosing Career												
job opportunities available.....	63.2	66.7	51.6	64.5	61.4	61.3	61.7	61.4	78.4	77.7	83.3	
enjoy working w/people in field.	81.5	79.3	83.6	81.0	83.8	84.2	83.1	83.5	80.3	80.0	82.5	
work is interesting.....	97.1	95.7	98.2	98.5	96.6	96.8	96.4	96.3	87.8	86.5	96.5	
pays well.....	55.4	54.3	51.7	62.6	48.4	51.4	48.6	43.9	68.3	68.6	66.6	
satisfies parent's hopes.....	14.5	12.1	14.5	17.2	13.5	16.7	13.9	8.6	21.9	23.8	8.6	
work is challenging.....	80.6	77.8	86.7	79.1	83.7	82.6	84.9	84.5	82.8	81.5	91.4	
can make contribution to society	70.7	71.9	67.9	70.0	71.2	70.3	69.8	73.3	50.7	51.2	47.4	
oppty for rapid career advancmnt	44.3	42.1	39.0	49.3	41.3	40.9	43.8	40.6	55.0	53.1	68.2	
oppty for freedom of action.....	57.7	56.4	63.4	56.4	59.1	61.7	57.0	56.6	52.8	53.7	46.6	

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	Priv	Nons	Cath	Prot				
Probable Major in 1987 (8)												
agriculture.....	0.2	0.6	0.0	0.2	0.0	0.0	0.0	0.0		1.0	1.1	0.0
biological sciences.....	4.7	7.1	2.1	3.1	5.2	5.6	4.6	5.0		3.3	3.6	1.4
business.....	22.4	26.3	21.8	22.0	19.4	15.1	25.9	21.8		30.6	30.9	28.1
education.....	12.2	7.4	2.8	17.9	11.9	10.0	13.2	13.9		17.8	18.7	11.2
engineering.....	2.4	3.6	7.1	1.3	1.2	1.4	1.2	0.8		1.2	1.4	0.0
English.....	1.9	1.1	4.2	1.1	3.0	2.5	2.0	4.3		0.0	0.0	0.0
health professional.....	10.7	14.7	10.9	8.6	9.7	6.7	10.9	13.3		17.5	14.8	35.6
history or political science....	4.4	2.1	11.8	3.2	6.0	7.4	4.6	4.9		1.2	1.2	1.8
humanities.....	3.4	1.0	5.0	3.7	4.8	4.8	7.7	3.0		0.7	0.8	0.7
fine arts.....	4.8	1.3	6.1	5.0	7.6	10.1	5.5	5.2		1.1	0.9	2.3
mathematics or statistics.....	1.1	1.6	0.7	1.2	0.8	0.6	0.4	1.3		0.5	0.6	0.0
physical sciences.....	1.1	1.8	1.1	0.3	1.6	2.0	0.4	1.8		0.0	0.0	0.0
social sciences.....	8.3	10.7	7.0	6.6	8.6	8.0	9.1	9.0		12.0	12.9	6.4
other technical.....	2.7	2.7	0.9	3.4	2.2	1.9	2.8	2.2		2.7	2.3	5.2
other non-technical.....	8.7	10.9	8.0	7.5	8.5	9.9	5.6	8.2		7.2	7.4	6.3
undecided.....	10.9	7.1	10.7	14.8	9.6	14.1	6.1	5.2		3.2	3.5	1.0
Major Reported in 1989 (8)												
agriculture.....	0.7	1.5	0.0	0.1	0.7	0.0	2.2	0.9		1.7	2.0	0.0
biological sciences.....	5.7	6.4	2.7	4.8	6.7	6.9	3.6	8.0		1.5	1.4	1.8
business.....	17.8	15.9	20.5	20.8	15.4	11.8	23.4	16.0		33.4	34.6	26.6
education.....	14.9	11.0	3.5	20.6	15.0	12.9	12.3	19.3		10.0	10.0	10.0
engineering.....	2.2	3.2	6.2	1.9	0.4	0.4	0.3	0.4		0.6	0.7	0.0
English.....	4.1	3.8	5.7	1.9	6.8	9.1	5.7	4.3		1.7	1.4	3.6
health professional.....	6.7	9.4	1.7	6.9	5.3	2.5	7.4	7.7		16.6	19.4	1.0
history or political science....	7.3	6.0	15.7	6.0	7.9	8.8	6.6	7.3		0.8	0.5	2.4
humanities.....	4.8	5.6	7.7	3.4	4.8	5.6	6.0	3.3		1.1	1.0	1.1
fine arts.....	4.5	3.4	6.3	2.7	7.3	9.4	4.9	5.9		1.8	1.6	3.1
mathematics or statistics.....	1.5	1.9	1.6	1.1	1.4	1.6	1.6	1.1		1.0	1.1	0.0
physical sciences.....	1.2	0.8	1.4	0.8	2.1	2.8	1.2	1.6		0.0	0.0	0.0
social sciences.....	15.3	17.7	15.3	12.4	16.3	17.2	13.7	16.6		18.6	15.1	38.1
other technical.....	2.5	2.6	1.2	3.6	1.5	1.0	1.9	2.0		2.3	1.7	5.7
other non-technical.....	10.2	9.8	9.0	12.5	8.1	9.7	8.7	5.6		8.1	8.3	6.7
undecided.....	0.7	1.1	1.3	0.5	0.2	0.3	0.4	0.0		1.0	1.2	0.0
Probable Graduate Major (8)												
agriculture.....	0.4	0.5	0.0	0.0	0.7	0.0	3.1	0.3		1.6	1.9	0.0
biological sciences.....	3.0	3.4	0.6	3.3	3.0	3.3	2.3	3.0		0.6	0.5	1.3
business.....	14.8	17.9	14.1	15.1	11.4	9.0	16.6	11.7		11.8	11.1	15.4
education.....	14.6	16.8	6.6	16.3	12.8	12.0	13.1	13.8		29.3	33.0	11.3
engineering.....	2.0	2.0	3.6	3.1	0.4	0.4	0.5	0.3		0.5	0.5	0.0
English.....	4.1	2.8	3.6	5.7	3.8	4.8	4.1	2.2		1.6	1.6	1.2
health professional.....	10.6	10.2	6.5	10.3	12.8	10.4	8.9	18.5		6.6	6.7	6.0
history or political science....	2.9	1.5	8.9	2.6	2.8	2.2	5.4	2.2		0.2	0.0	0.9
humanities.....	2.7	1.8	4.9	1.0	4.8	4.8	2.4	6.2		1.0	0.0	5.8
fine arts.....	3.4	3.2	4.2	2.1	5.1	6.4	6.3	2.5		0.4	0.5	0.0
mathematics or statistics.....	0.6	0.7	1.1	0.1	0.8	0.5	0.5	1.4		1.9	2.3	0.0
physical sciences.....	1.2	1.3	0.0	1.0	1.6	1.4	1.0	2.0		0.0	0.0	0.0
social sciences.....	18.1	16.0	14.9	23.8	14.7	14.8	14.1	15.0		15.7	8.4	51.9
other technical.....	1.7	1.8	2.4	1.8	1.1	1.1	2.4	0.3		1.9	1.3	4.7
other non-technical.....	15.9	14.8	21.5	11.3	20.6	24.2	16.4	17.8		7.9	9.2	1.5
undecided.....	4.1	5.3	7.3	2.5	3.6	4.5	2.8	2.9		19.1	22.9	0.0

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Probable Career in 1987												
accountant or actuary.....	5.0	5.8	3.8	5.0	4.6	2.9	6.4	5.9	4.9	3.7	10.7	
actor or entertainer.....	1.7	0.0	2.0	2.3	2.5	2.8	3.5	1.5	0.3	0.3	0.6	
architect or urban planner.....	0.5	1.4	0.3	0.1	0.2	0.3	0.0	0.0	0.4	0.5	0.0	
artist.....	2.7	0.6	1.6	2.9	4.8	7.1	4.2	1.9	0.3	0.1	1.5	
business (clerical).....	1.1	0.2	0.0	2.4	0.8	0.5	0.8	1.2	0.7	0.7	1.0	
business executive (mgmt.admin).....	10.7	18.2	10.4	6.9	7.9	6.3	11.5	8.2	22.5	25.3	7.7	
business owner or proprietor....	2.7	1.7	1.4	4.9	1.4	1.5	1.0	1.4	0.9	0.8	1.8	
business salesperson or buyer...	1.3	0.8	1.2	1.9	1.2	0.2	0.3	3.1	1.9	2.0	1.3	
clergy (minister,priest).....	0.3	0.0	0.0	0.6	0.3	0.1	0.0	0.7	0.0	0.0	0.0	
clergy (other religious).....	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.3	0.0	0.0	0.0	
clinical psychologist.....	2.0	2.3	1.2	1.7	2.2	1.3	4.6	2.1	1.4	1.1	3.2	
college teacher.....	0.4	0.0	0.5	0.5	0.5	0.5	0.3	0.8	0.4	0.2	1.3	
computer programmer or analyst..	1.2	0.6	0.0	2.4	0.8	1.1	1.0	0.2	1.5	1.4	2.4	
conservationist or forester.....	0.2	0.3	0.0	0.1	0.1	0.1	0.0	0.2	0.3	0.3	0.5	
dentist (including orthodontist)	0.8	2.3	0.5	0.1	0.3	0.5	0.0	0.4	0.7	0.8	0.0	
dietitian or home economist.....	0.4	0.8	0.0	0.6	0.0	0.0	0.0	0.0	0.8	0.7	1.3	
engineer.....	2.4	3.3	7.2	1.6	1.1	1.5	0.9	0.8	1.3	1.6	0.0	
farmer or rancher.....	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.6	0.4	0.4	0.0	
frgn svc worker (incl diplomat)...	2.0	1.0	7.2	1.4	2.4	2.5	1.5	2.9	0.2	0.3	0.0	
homemaker (full-time).....	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.1	0.0	0.5	
interior decorator or designer..	1.9	0.6	1.5	3.1	1.8	0.9	5.5	0.9	0.2	0.3	0.0	
intepreter (translator).....	0.4	0.3	0.8	0.4	0.3	0.4	0.0	0.2	0.0	0.0	0.0	
lab technician or hygienist.....	0.4	0.3	0.0	0.5	0.7	0.7	0.6	0.9	0.3	0.0	2.0	
law enforcement officer.....	0.3	0.0	0.0	0.5	0.4	0.5	0.9	0.0	0.7	0.8	0.0	
lawyer (attorney) or judge.....	4.9	3.3	12.0	3.4	6.4	6.2	5.7	7.2	0.4	0.4	0.7	
military service (career).....	0.1	0.0	0.0	0.3	0.2	0.1	0.5	0.0	0.0	0.0	0.0	
musician (performer,composer)...	0.9	0.0	1.6	1.1	1.4	0.9	0.7	2.5	0.0	0.0	0.0	
nurse.....	2.3	1.4	0.0	2.6	3.6	1.5	5.8	5.2	2.9	3.1	1.7	
optometrist.....	0.4	1.0	0.3	0.0	0.3	0.0	0.9	0.4	0.3	0.4	0.0	
pharmacist.....	1.3	1.6	1.2	1.7	0.6	0.5	0.4	0.8	3.9	0.3	23.0	
physician.....	5.9	8.6	10.9	3.5	4.9	6.2	3.9	3.8	0.9	0.5	2.6	
school counselor.....	0.8	0.3	0.6	1.4	0.5	0.2	0.0	1.1	0.0	0.0	0.0	
school principal/superintendent..	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
scientific researcher.....	1.7	1.5	1.8	1.1	2.5	2.9	0.7	3.1	0.7	0.6	1.5	
social,welfare or rec worker....	1.4	0.5	0.0	1.5	2.7	3.3	3.6	1.3	4.0	4.3	2.2	
statistician.....	0.1	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
therapist (phys,occup,speech)...	3.7	4.5	1.8	4.7	2.4	1.1	3.3	3.5	3.1	3.4	1.2	
teacher/admin (elementary).....	7.7	3.7	1.2	12.1	8.0	7.2	10.3	7.8	13.3	14.8	5.5	
teacher/admin (secondary).....	3.6	3.7	2.1	4.4	3.0	1.3	2.9	5.3	3.3	3.7	1.4	
veterinarian.....	1.0	1.1	0.0	1.1	1.2	1.9	0.1	0.8	8.5	9.9	0.7	
writer or journalist.....	3.2	3.6	5.5	2.2	3.4	5.0	1.5	2.3	0.7	0.6	0.8	
skilled trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	
other.....	6.0	6.5	3.9	4.7	7.7	8.3	6.1	7.8	10.1	8.0	20.8	
undecided.....	16.0	17.8	17.5	13.7	16.7	21.8	10.5	13.1	7.0	8.0	2.0	

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	Priv	Nons	Cath	Prot				
Probable Career in 1989												
accountant or actuary.....	4.5	6.3	5.2	3.8	3.4	1.8	7.4	3.5		6.7	6.3	10.1
actor or entertainer.....	1.0	0.0	2.5	1.3	1.1	1.0	2.1	0.6		0.0	0.0	0.0
architect or urban planner.....	0.5	1.3	0.0	0.0	0.6	0.8	1.0	0.3		0.2	0.2	0.0
artist.....	1.7	0.6	2.5	1.6	2.7	4.3	1.8	0.8		0.5	0.3	2.3
business (clerical).....	0.2	0.0	0.0	0.0	0.8	0.9	0.0	1.1		2.9	2.7	5.0
business executive (mgmt, admin).....	14.3	16.4	14.6	15.1	11.2	10.6	10.7	12.4		14.2	14.8	8.7
business owner or proprietor.....	2.4	1.3	1.8	4.9	0.5	0.9	0.6	0.0		2.8	2.9	1.6
business salesperson or buyer.....	2.1	1.7	1.9	2.4	2.1	1.9	3.4	1.9		2.3	1.7	7.9
clergy (minister, priest).....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4		0.0	0.0	0.0
clergy (other religious).....	0.2	0.2	0.0	0.0	0.4	0.5	0.0	0.5		0.0	0.0	0.0
clinical psychologist.....	3.7	3.9	4.8	3.7	3.3	3.4	4.9	2.1		6.2	6.6	2.5
college teacher.....	0.7	0.5	1.9	0.4	1.1	1.1	0.6	1.2		0.2	0.3	0.0
computer programmer or analyst.....	1.3	1.0	1.6	2.0	0.7	1.0	1.3	0.0		2.1	1.9	3.6
conservationist or forester.....	0.6	1.0	0.0	0.1	0.9	2.7	1.8	0.6		0.2	0.2	0.0
dentist (including orthodontist).....	0.6	1.3	0.2	0.1	0.6	0.4	0.1	1.1		0.0	0.0	0.0
dietitian or home economist.....	0.5	1.0	0.2	0.4	0.3	0.0	0.0	1.0		0.5	0.4	0.9
engineer.....	1.8	2.3	5.2	1.8	0.5	0.7	0.2	0.3		0.4	0.5	0.0
farmer or rancher.....	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.6		0.0	0.0	0.0
frgn svc worker (incl diplomat).....	2.1	3.2	5.3	0.7	1.9	2.3	2.2	1.2		0.3	0.2	0.6
homemaker (full-time).....	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.6		0.0	0.0	0.0
interior decorator or designer.....	0.6	1.1	0.3	0.1	0.9	0.6	0.8	1.5		0.0	0.0	0.0
intepreter (translator).....	0.3	0.7	0.5	0.0	0.3	0.3	0.2	0.5		0.0	0.0	0.0
lab technician or hygienist.....	0.3	0.8	0.0	0.0	0.4	0.2	0.3	0.8		1.6	1.4	3.1
law enforcement officer.....	0.4	0.8	0.0	0.4	0.0	0.0	0.0	0.0		0.0	0.0	0.0
lawyer (attorney) or judge.....	4.9	3.9	10.3	3.1	6.6	7.3	8.3	4.8		0.6	0.7	0.0
military service (career).....	0.2	0.4	0.0	0.2	0.1	0.2	0.0	0.0		0.0	0.0	0.0
musician (performer, composer).....	0.6	0.3	2.0	0.2	0.9	1.1	0.9	0.5		0.2	0.2	0.0
nurse.....	3.2	2.5	0.0	4.5	3.0	1.6	4.8	4.1		4.8	4.9	3.9
optometrist.....	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0		0.3	0.3	0.0
pharmacist.....	0.8	0.8	0.3	1.4	0.4	0.3	0.4	0.5		0.1	0.1	0.0
physician.....	2.3	2.4	4.8	0.8	3.4	3.5	2.8	3.7		2.2	2.5	0.0
school counselor.....	0.8	1.5	0.0	0.5	0.7	0.5	1.5	0.4		0.0	0.0	0.0
school principal/superintendent.....	0.1	0.4	0.0	0.0	0.1	0.0	0.0	0.2		0.0	0.0	0.0
scientific researcher.....	1.5	1.3	1.2	1.8	1.5	1.7	1.2	1.4		1.0	0.8	2.1
social, welfare or rec worker.....	3.2	2.9	1.7	2.7	4.5	4.0	1.3	6.9		10.4	10.8	6.5
statistician.....	0.2	0.2	0.3	0.4	0.0	0.0	0.0	0.0		0.5	0.6	0.0
therapist (phys, occup, speech).....	3.1	4.1	2.5	2.2	3.3	2.1	3.9	4.8		1.9	1.9	1.9
teacher/admin (elementary).....	11.6	8.9	3.4	15.8	11.1	10.1	13.3	11.3		11.4	11.4	11.6
teacher/admin (secondary).....	4.6	4.9	2.0	4.6	5.1	3.4	4.3	7.9		3.1	2.8	5.9
veterinarian.....	1.0	0.3	0.3	1.4	1.4	1.6	0.0	1.8		7.7	8.6	0.0
writer or journalist.....	4.3	2.7	3.2	4.9	5.3	7.6	4.2	2.5		0.7	0.7	0.0
skilled trades.....	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.6		0.8	0.9	0.0
other.....	11.7	11.3	9.9	12.0	12.2	14.7	11.0	9.2		10.4	9.8	16.3
undecided.....	5.6	4.8	9.6	4.9	6.1	7.2	2.6	6.3		3.0	2.8	5.7

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities +		Pub	All		Nons	Cath	Prot	All	Pub	Priv
		Pub	Priv		Priv	Pub						
Probable Major Reported in 1987												
Arts and Humanities												
art, fine and applied.....	3.3	0.2	2.6	4.4	5.1	8.2	2.7	1.9	0.7	0.5	1.8	
English (language & literature).....	1.9	1.1	4.2	1.1	3.0	2.5	2.0	4.3	0.0	0.0	0.0	
history.....	0.6	0.2	0.2	0.9	0.8	0.7	1.1	0.8	0.4	0.3	1.0	
journalism.....	1.5	2.1	3.9	1.1	1.0	0.8	1.3	0.9	0.9	0.9	1.0	
language (except English).....	1.1	0.5	3.3	1.2	1.1	1.2	0.8	1.2	0.2	0.3	0.0	
music.....	0.8	0.0	2.2	0.3	1.9	1.7	0.6	3.0	0.1	0.0	0.5	
philosophy.....	0.1	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	
speech.....	0.2	0.0	0.9	0.3	0.1	0.1	0.0	0.2	0.0	0.0	0.0	
theater or drama.....	1.1	0.0	1.3	1.8	1.0	1.0	2.1	0.5	0.1	0.0	0.7	
theology or religion.....	0.2	0.0	0.0	0.3	0.2	0.0	0.2	0.6	0.0	0.0	0.0	
other arts and humanities.....	0.9	0.6	0.4	0.4	2.2	2.1	4.6	0.8	0.4	0.5	0.0	
Biological Sciences												
biology (general).....	2.6	3.5	0.7	2.1	3.0	3.4	3.4	2.1	0.6	0.6	0.0	
biochemistry or biophysics.....	0.6	1.3	0.9	0.1	0.7	0.5	0.4	1.1	0.0	0.0	0.0	
botany.....	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.0	0.0	0.0	
marine (life) science.....	0.4	0.5	0.0	0.1	0.9	1.2	0.0	0.9	0.2	0.3	0.0	
microbiology or bacteriology.....	0.3	0.7	0.2	0.0	0.2	0.0	0.0	0.6	2.1	2.4	0.0	
zoology.....	0.5	0.7	0.0	0.6	0.3	0.6	0.2	0.0	0.1	0.0	0.8	
other biological sciences.....	0.3	0.4	0.3	0.3	0.2	0.0	0.5	0.2	0.3	0.2	0.6	
Business												
accounting.....	5.2	5.5	4.8	5.4	5.0	3.3	7.3	6.0	4.2	3.3	11.0	
business admin (general).....	8.5	12.3	4.2	8.6	5.9	5.5	5.7	6.7	13.3	14.3	6.6	
finance.....	1.6	2.0	4.3	1.3	0.7	0.4	1.6	0.7	0.0	0.0	0.0	
marketing.....	2.3	2.5	1.5	2.0	2.5	1.3	4.5	3.2	2.1	2.2	1.6	
management.....	3.5	3.0	2.9	3.9	3.5	3.9	4.4	2.3	5.8	6.0	4.5	
secretarial studies.....	0.3	0.0	0.0	0.5	0.5	0.5	0.4	0.5	4.7	5.0	3.3	
other business.....	1.1	1.0	4.1	0.4	1.3	0.2	2.1	2.4	0.4	0.3	1.1	
Education												
business education.....	0.1	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	
elementary education.....	6.8	3.3	1.0	11.1	6.4	4.8	8.8	7.3	11.0	11.5	7.9	
music or art education.....	0.3	0.0	0.2	0.7	0.3	0.0	0.9	0.3	0.1	0.0	0.6	
physical education or recreation.....	1.5	1.1	0.4	2.5	0.8	0.4	2.0	0.6	1.4	1.6	0.0	
secondary education.....	2.2	2.6	1.1	2.4	2.0	0.6	1.6	4.1	3.0	3.2	1.7	
special education.....	1.1	0.3	0.0	1.2	2.1	3.3	0.0	1.5	0.3	0.3	0.0	
other education.....	0.1	0.0	0.0	0.0	0.3	0.5	0.0	0.1	2.0	2.2	0.9	
Engineering												
aeronautical/astronautical eng..	0.4	0.6	0.2	0.5	0.1	0.0	0.0	0.2	0.0	0.0	0.0	
civil engineering.....	0.1	0.2	0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0	
chemical engineering.....	0.3	0.4	0.7	0.1	0.3	0.3	0.0	0.6	0.0	0.0	0.0	
electrical/electronic eng.....	0.7	1.2	1.8	0.5	0.3	0.3	0.6	0.0	0.0	0.0	0.0	
industrial engineering.....	0.1	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.4	0.0	
mechanical engineering.....	0.3	0.3	1.3	0.1	0.1	0.3	0.0	0.0	0.4	0.5	0.0	
other engineering.....	0.5	0.8	3.1	0.0	0.2	0.3	0.4	0.0	0.5	0.5	0.0	

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub						All	Pub	Priv
		Pub	Priv		All Priv	Nons	Cath	Prot				
Probable Major Reported in 1987												
Physical Sciences												
astronomy.....	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
atmospheric science.....	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
chemistry.....	0.5	0.5	0.7	0.0	1.0	1.1	0.4	1.2	0.0	0.0	0.0	0.0
earth science.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0
marine science.....	0.2	0.3	0.0	0.3	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
mathematics.....	1.1	1.6	0.7	1.2	0.8	0.6	0.4	1.3	0.5	0.6	0.0	0.0
physics.....	0.1	0.2	0.3	0.0	0.2	0.2	0.0	0.3	0.0	0.0	0.0	0.0
statistics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical sciences.....	0.1	0.2	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Professional												
architecture or urban planning..	0.5	1.1	0.3	0.0	0.5	0.1	2.2	0.0	0.4	0.4	0.0	0.0
home economics.....	0.5	0.6	0.3	0.4	0.5	0.4	0.0	0.9	0.9	0.9	0.7	0.0
health technology.....	1.2	2.1	0.4	0.8	1.3	1.0	1.2	1.6	1.0	0.8	2.4	0.0
library or archival science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing.....	1.8	1.4	0.0	1.6	2.9	1.0	5.8	4.1	2.0	1.9	2.8	0.0
pharmacy.....	1.0	1.0	1.2	1.4	0.6	0.4	0.4	0.8	3.7	0.2	27.3	0.0
predent, premed, prevet.....	4.8	8.3	8.2	2.2	3.8	4.2	1.9	4.4	8.9	9.6	4.0	0.0
therapy (phys, occup, speech).....	3.1	3.9	1.6	3.4	2.4	1.1	2.9	4.0	3.0	3.2	1.5	0.0
other professional.....	0.9	2.1	0.0	0.0	1.1	1.8	1.3	0.0	1.9	1.9	1.8	0.0
Social Sciences												
anthropology.....	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
economics.....	0.3	0.5	0.2	0.0	0.5	0.5	0.4	0.6	0.0	0.0	0.0	0.0
ethnic studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science.....	3.7	1.9	11.6	2.3	5.2	6.6	3.4	4.2	0.9	0.9	0.8	0.0
psychology.....	6.0	8.1	5.1	4.5	6.3	5.3	6.6	7.6	4.1	3.8	6.4	0.0
social work.....	1.2	0.5	0.6	1.4	1.6	2.0	2.2	0.7	7.6	8.8	0.0	0.0
sociology.....	0.5	1.0	0.2	0.4	0.1	0.1	0.0	0.2	0.3	0.3	0.0	0.0
women's studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences.....	0.3	0.4	0.6	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Technical												
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing, computer prog...	0.2	0.0	0.0	0.3	0.2	0.4	0.3	0.0	0.6	0.3	2.8	0.0
drafting or design.....	0.1	0.0	0.3	0.1	0.2	0.0	0.9	0.0	0.2	0.2	0.0	0.0
electronics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mechanics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other technical.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Fields												
agriculture.....	0.2	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.7	0.9	0.0	0.0
communications.....	3.8	3.2	3.5	4.1	4.1	5.5	2.0	3.3	1.9	2.2	0.0	0.0
computer science.....	1.1	0.6	0.3	2.2	0.5	0.5	0.4	0.5	0.9	1.0	0.0	0.0
forestry.....	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0
law enforcement.....	0.6	0.0	0.0	1.1	0.6	1.0	0.7	0.0	0.8	0.7	1.7	0.0
military science.....	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field.....	1.4	2.9	0.3	0.7	1.3	0.4	0.3	3.1	0.8	0.7	1.0	0.0
undecided.....	10.9	7.1	10.7	14.8	9.6	14.1	6.1	5.2	3.2	3.5	1.0	0.0

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FEMALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Major Reported in 1989											
Arts and Humanities											
art, fine & applied.....	2.8	2.1	3.1	1.7	4.9	7.1	2.9	3.1	1.8	1.6	3.1
English (language & literature).....	4.1	3.8	5.7	1.9	6.8	9.1	5.7	4.3	1.7	1.4	3.6
history.....	2.4	1.5	1.7	2.9	2.8	3.0	1.4	3.4	0.1	0.0	0.6
journalism.....	2.1	2.9	3.3	2.4	0.7	0.8	1.5	0.2	0.6	0.8	0.0
language (except English).....	2.4	3.9	3.1	1.1	2.3	2.6	1.3	2.5	0.9	1.0	0.0
music.....	0.8	0.0	2.5	0.3	1.7	1.8	0.8	2.0	0.0	0.0	0.0
philosophy.....	0.3	0.4	1.4	0.0	0.4	0.7	0.0	0.2	0.0	0.0	0.0
speech.....	0.4	0.4	0.3	0.7	0.1	0.3	0.0	0.0	0.0	0.0	0.0
theater or drama.....	1.0	0.0	1.3	1.9	0.7	0.2	3.0	0.3	0.0	0.0	0.0
theology or religion.....	0.2	0.2	0.5	0.0	0.5	0.8	0.0	0.3	0.0	0.0	0.0
other arts and humanities.....	0.9	1.1	1.3	0.5	0.9	1.4	1.7	0.0	0.2	0.0	1.1
Biological Sciences											
biology (general).....	4.2	3.6	2.3	4.1	5.6	5.9	3.6	6.2	1.2	1.4	0.0
biochemistry or biophysics.....	0.3	0.8	0.2	0.0	0.2	0.0	0.0	0.5	0.1	0.0	0.8
botany.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science.....	0.2	0.0	0.0	0.3	0.2	0.3	0.0	0.2	0.0	0.0	0.0
microbiology or bacteriology....	0.1	0.4	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0
zoology.....	0.2	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.1	0.0	1.0
other biological sciences.....	0.6	1.4	0.3	0.0	0.6	0.4	0.0	1.2	0.0	0.0	0.0
Business											
accounting.....	5.0	6.6	5.0	4.8	3.8	2.4	9.3	2.9	5.8	5.0	10.0
business admin (general).....	2.7	1.5	3.0	2.8	3.8	2.3	3.3	6.0	18.1	19.9	8.0
finance.....	1.9	1.6	4.9	2.1	1.1	0.6	2.3	1.0	0.0	0.0	0.0
marketing.....	3.5	2.5	4.3	5.3	2.0	1.7	2.8	1.8	3.0	3.5	0.0
management.....	3.7	1.8	2.4	5.5	3.9	4.5	4.8	2.5	3.5	3.1	6.2
secretarial studies.....	0.2	0.0	0.0	0.3	0.2	0.0	0.0	0.5	2.6	2.6	2.3
other business.....	0.9	2.0	0.9	0.1	0.7	0.3	0.9	1.2	0.4	0.4	0.0
Education											
business education.....	0.1	0.0	0.0	0.0	0.2	0.3	0.0	0.2	0.0	0.0	0.0
elementary education.....	9.1	5.4	1.9	13.3	9.9	10.1	8.1	10.7	6.5	6.9	4.5
music or art education.....	0.8	0.0	0.7	1.6	0.6	0.3	1.5	0.5	0.1	0.0	0.7
physical education or recreation	1.1	1.3	0.3	1.1	1.2	0.5	0.0	2.8	0.5	0.3	1.6
secondary education.....	1.7	1.6	0.6	2.2	1.7	0.4	1.9	3.5	2.0	1.9	2.3
special education.....	0.8	0.9	0.0	0.6	1.0	1.1	0.9	1.0	0.3	0.4	0.0
other education.....	1.3	1.9	0.0	1.9	0.4	0.3	0.0	0.6	0.5	0.4	0.9
Engineering											
aeronautical/astronautical eng..	0.4	0.0	0.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
civil engineering.....	0.3	0.6	0.7	0.0	0.0	0.0	0.3	0.0	0.3	0.3	0.0
chemical engineering.....	0.2	0.2	0.6	0.1	0.2	0.2	0.0	0.4	0.0	0.0	0.0
electrical/electronic eng.....	0.5	0.6	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
industrial engineering.....	0.1	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mechanical engineering.....	0.1	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0
other engineering.....	0.6	1.1	2.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Major Reported in 1989												
Physical Sciences												
astronomy.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
atmospheric science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
chemistry.....	0.9	0.3	1.4	0.8	1.4	2.0	0.5	1.0		0.0	0.0	0.0
earth science.....	0.2	0.2	0.0	0.0	0.3	0.3	0.0	0.5		0.0	0.0	0.0
marine science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
mathematics.....	1.5	1.9	1.6	1.1	1.4	1.6	1.6	1.1		1.0	1.1	0.0
physics.....	0.2	0.3	0.0	0.0	0.4	0.5	0.5	0.2		0.0	0.0	0.0
statistics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
other physical sciences.....	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0		0.0	0.0	0.0
Professional												
architecture/urban planning.....	0.5	0.9	0.4	0.0	0.6	0.2	1.2	0.7		0.0	0.0	0.0
home economics.....	0.6	0.8	0.3	0.8	0.2	0.0	0.0	0.7		1.0	1.2	0.0
health technology.....	0.7	1.6	0.0	0.4	0.4	0.2	0.0	0.9		0.6	0.3	2.6
law.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
library or archival science.....	0.1	0.0	0.0	0.2	0.1	0.0	0.3	0.0		0.0	0.0	0.0
nursing.....	2.9	3.0	0.0	3.8	2.7	1.4	4.9	3.2		3.9	4.4	1.0
pharmacy.....	0.5	1.0	0.0	0.5	0.1	0.2	0.0	0.0		0.0	0.0	0.0
predent, premed, prevet.....	1.1	1.5	0.0	1.4	0.8	0.5	0.2	1.5		10.1	11.9	0.0
therapy (phys, occupat, etc).....	2.2	4.0	1.7	1.3	1.7	0.4	2.4	3.0		2.6	3.1	0.0
other professional.....	0.8	2.1	0.0	0.0	0.8	1.5	0.6	0.0		0.9	1.0	0.0
Social Sciences												
anthropology.....	0.5	0.7	1.6	0.0	0.5	1.1	0.0	0.0		0.0	0.0	0.0
economics.....	0.9	1.0	1.6	0.0	1.5	1.4	2.0	1.4		1.2	1.4	0.0
ethnic studies.....	0.1	0.0	0.3	0.0	0.2	0.3	0.0	0.0		0.0	0.0	0.0
geography.....	0.2	0.0	0.0	0.4	0.2	0.4	0.0	0.0		0.0	0.0	0.0
political science.....	4.9	4.5	14.0	3.1	5.0	5.8	5.2	3.9		0.7	0.5	1.8
psychology.....	9.2	11.1	7.5	9.2	7.7	6.7	9.2	8.3		6.5	1.5	34.1
social work.....	1.5	0.7	0.3	1.3	2.9	3.2	0.3	3.8		10.0	11.5	1.8
sociology.....	2.0	1.9	2.5	1.3	2.6	3.3	1.8	2.3		0.6	0.3	2.1
women's studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
other social sciences.....	1.1	2.4	1.6	0.2	0.7	0.8	0.4	0.8		0.3	0.3	0.0
Technical												
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
data processing, computer prog... drafting or design.....	0.5 0.1	0.0 0.0	0.0 0.0	1.3 0.0	0.1 0.4	0.0 0.0	0.8 0.3	0.0 1.0		0.4 0.0	0.5 0.0	0.0 0.0
electronics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
mechanics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
other technical.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.1	0.1	0.0
Other Fields												
agriculture.....	0.5	1.5	0.0	0.1	0.3	0.0	0.0	0.7		1.4	1.6	0.0
communications.....	4.8	3.3	3.8	6.7	4.3	5.7	3.5	2.9		2.0	2.2	1.0
computer science.....	1.2	0.9	1.2	1.9	0.5	0.7	0.8	0.0		1.2	0.8	3.1
forestry.....	0.1	0.0	0.0	0.0	0.5	0.0	2.2	0.2		0.3	0.3	0.0
law enforcement.....	0.2	0.0	0.0	0.0	0.7	0.5	1.4	0.5		0.0	0.0	0.0
military science.....	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0		0.0	0.0	0.0
other field.....	1.5	0.7	1.7	2.4	1.2	1.0	1.2	1.3		3.6	3.2	5.7
undecided.....	0.7	1.1	1.3	0.5	0.2	0.3	0.4	0.0		1.0	1.2	0.0

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Probable Graduate Major												
Arts and Humanities												
art, fine & applied.....	1.9	1.5	1.9	1.3	3.2	5.0	2.7	0.9	0.0	0.0	0.0	
English (language & literature).....	4.1	2.8	3.6	5.7	3.8	4.8	4.1	2.2	1.6	1.6	1.2	
history.....	1.0	0.0	1.8	2.0	0.7	0.1	1.7	1.0	0.2	0.0	0.9	
journalism.....	1.7	1.3	1.1	0.8	3.2	4.6	1.7	2.1	0.0	0.0	0.0	
language (except English).....	1.1	1.1	1.6	0.5	1.7	1.2	1.0	2.8	0.7	0.0	4.4	
music.....	0.8	0.0	2.2	0.3	1.8	1.4	3.7	1.2	0.0	0.0	0.0	
philosophy.....	0.1	0.0	0.3	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.0	
speech.....	0.2	0.0	0.0	0.5	0.1	0.0	0.0	0.4	0.4	0.5	0.0	
theater or drama.....	0.3	0.0	1.6	0.0	0.6	1.1	0.6	0.0	0.0	0.0	0.0	
theology or religion.....	0.3	0.3	0.0	0.0	0.8	0.0	0.0	2.3	0.0	0.0	0.0	
other arts and humanities.....	0.8	0.4	1.4	0.5	1.4	1.9	0.8	1.1	0.2	0.0	1.4	
Biological Sciences												
biology (general).....	0.3	0.0	0.0	0.0	1.1	0.8	0.6	1.7	0.0	0.0	0.0	
biochemistry or biophysics.....	0.2	0.4	0.6	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	
botany.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
marine (life) science.....	0.4	0.3	0.0	0.5	0.3	0.4	0.5	0.0	0.2	0.0	1.3	
microbiology or bacteriology....	1.2	1.3	0.0	2.0	0.5	0.7	0.0	0.3	0.0	0.0	0.0	
zoology.....	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	
other biological sciences.....	0.7	0.7	0.0	0.7	1.0	1.0	1.3	1.0	0.0	0.0	0.0	
Business												
accounting.....	1.9	1.8	2.8	1.6	2.0	1.0	4.7	1.7	1.6	1.3	3.0	
business admin (general).....	4.9	9.2	5.1	2.5	3.1	1.0	6.2	4.2	2.5	2.5	2.9	
finance.....	1.7	0.4	2.7	3.3	1.0	0.6	1.4	1.2	0.5	0.6	0.0	
marketing.....	2.4	1.4	1.5	4.0	2.0	2.0	2.2	1.8	2.6	2.5	3.1	
management.....	2.7	3.1	1.4	3.5	1.7	1.9	1.0	1.8	3.0	2.4	6.4	
secretarial studies.....	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	
other business.....	1.1	1.6	0.7	0.1	1.7	2.5	1.1	0.9	1.0	1.3	0.0	
Education												
business education.....	0.4	0.7	0.8	0.2	0.4	0.0	0.0	1.2	0.0	0.0	0.0	
elementary education.....	5.4	5.3	2.0	5.7	6.2	6.9	8.5	3.9	27.4	31.2	9.0	
music or art education.....	0.6	1.1	0.9	0.4	0.4	0.4	0.0	0.7	0.2	0.0	1.1	
physical education or recreation	0.6	0.0	0.0	0.8	1.1	0.8	0.0	2.1	0.0	0.0	0.0	
secondary education.....	2.9	5.9	0.6	1.8	1.7	2.6	0.3	1.1	0.5	0.6	0.0	
special education.....	2.0	1.6	1.2	2.6	1.9	0.7	3.6	2.7	0.2	0.0	1.2	
other education.....	2.7	2.3	1.1	4.8	1.1	0.6	0.6	2.0	1.0	1.2	0.0	
Engineering												
aeronautical/astronautical eng..	0.6	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
civil engineering.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	
chemical engineering.....	0.2	0.0	0.8	0.1	0.2	0.3	0.0	0.3	0.0	0.0	0.0	
electrical/electronic eng.....	0.6	0.9	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
industrial engineering.....	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	
mechanical engineering.....	0.3	0.5	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
other engineering.....	0.4	0.6	1.4	0.2	0.1	0.0	0.5	0.0	0.0	0.0	0.0	

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Probable Graduate Major												
Physical Sciences												
astronomy.....	0.0	0.0	0.0	0.0	0.1	0.0	0.6	0.0	0.0	0.0	0.0	
atmospheric science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
chemistry.....	0.4	0.0	0.0	0.6	0.8	0.7	0.4	1.2	0.0	0.0	0.0	
earth science.....	0.1	0.0	0.0	0.0	0.5	0.5	0.0	0.8	0.0	0.0	0.0	
marine science.....	0.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
mathematics.....	0.4	0.4	0.8	0.0	0.6	0.5	0.5	0.9	1.4	1.7	0.0	
physics.....	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	
statistics.....	0.2	0.3	0.3	0.1	0.2	0.0	0.0	0.5	0.5	0.6	0.0	
other physical sciences.....	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Professional												
architecture/urban planning.....	0.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
home economics.....	0.4	1.1	0.0	0.0	0.4	0.0	0.0	1.1	0.7	0.9	0.0	
health technology.....	1.0	1.6	1.5	0.9	0.4	0.5	0.2	0.3	0.0	0.0	0.0	
law.....	8.8	6.9	15.7	6.3	11.6	12.1	12.4	10.4	3.3	3.7	1.5	
library or archival science.....	0.5	0.4	0.0	0.4	0.9	1.4	0.0	0.7	0.0	0.0	0.0	
nursing.....	1.9	1.0	0.0	3.3	1.8	1.1	2.7	2.2	3.1	3.0	3.6	
pharmacy.....	0.9	0.6	0.5	1.6	0.6	0.6	0.7	0.5	0.0	0.0	0.0	
preudent, premed, prevet.....	3.8	4.5	3.5	1.1	6.2	6.4	1.6	8.4	0.5	0.6	0.0	
therapy (phys, occupat, etc).....	4.0	4.1	2.5	4.2	4.3	2.3	3.9	7.5	3.0	3.2	2.5	
other professional.....	1.5	2.9	0.2	0.7	1.4	1.5	0.0	1.9	2.2	2.6	0.0	
Social Sciences												
anthropology.....	0.5	0.6	1.3	0.0	0.6	1.0	0.0	0.5	0.0	0.0	0.0	
economics.....	0.3	0.0	0.7	0.0	0.8	0.8	1.0	0.8	0.0	0.0	0.0	
ethnic studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
geography.....	0.1	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.0	
political science.....	1.9	1.5	7.1	0.6	2.1	2.1	3.6	1.1	0.0	0.0	0.0	
psychology.....	10.0	10.5	10.0	11.0	8.3	9.0	8.4	7.1	10.2	2.3	49.5	
social work.....	2.7	2.2	2.0	2.7	3.4	2.3	4.0	4.6	4.5	5.2	1.1	
sociology.....	3.4	0.4	0.6	9.6	0.5	0.0	0.3	1.4	0.8	1.0	0.0	
women's studies.....	0.2	0.4	0.0	0.0	0.4	0.8	0.0	0.0	0.0	0.0	0.0	
other social sciences.....	0.9	2.0	0.3	0.5	0.5	0.4	0.3	0.6	0.2	0.0	1.4	
Technical												
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
data processing, computer prog...	0.2	0.0	0.0	0.3	0.3	0.0	1.4	0.0	0.0	0.0	0.0	
drafting or design.....	0.0	0.0	0.0	0.0	0.1	0.0	0.5	0.0	1.1	1.3	0.0	
electronics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
mechanics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
other technical.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Other Fields												
agriculture.....	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.4	0.0	
communications.....	2.0	1.5	3.9	2.5	1.3	2.7	0.0	0.0	0.0	0.0	0.0	
computer science.....	0.5	0.3	0.9	0.6	0.3	0.6	0.3	0.0	0.8	0.0	4.7	
forestry.....	0.2	0.0	0.0	0.0	0.7	0.0	3.1	0.3	0.5	0.6	0.0	
law enforcement.....	0.3	0.7	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.0	
military science.....	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
other field.....	0.6	0.0	0.6	0.4	1.5	1.1	2.3	1.6	1.7	2.0	0.0	
undecided.....	4.1	5.3	7.3	2.5	3.6	4.5	2.8	2.9	19.1	22.9	0.0	

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1987)												
Studying/Homework												
none.....	0.3	0.0	0.3	0.4	0.4	0.3	0.5	0.6		0.2	0.3	0.0
less than one.....	4.6	4.5	2.6	5.6	3.9	4.5	3.5	3.2		4.9	5.4	2.2
1 - 2.....	11.2	6.7	8.8	15.8	10.5	9.0	14.8	10.1		29.2	30.4	22.9
3 - 5.....	28.4	33.6	18.7	28.0	26.3	24.4	31.2	26.2		18.0	17.4	21.7
6 - 10.....	31.5	33.8	24.7	32.0	30.6	29.0	28.5	34.0		29.3	31.2	19.4
11 - 15.....	13.7	13.6	22.5	11.3	14.7	16.2	12.3	14.0		12.1	12.8	8.7
16 - 20.....	6.7	4.9	12.4	4.4	9.6	12.4	6.0	7.7		5.3	1.9	24.0
over 20.....	3.6	2.8	10.0	2.5	4.0	4.3	3.2	4.2		0.9	0.8	1.2
Socializing with Friends												
none.....	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0		0.9	1.0	0.0
less than one.....	0.6	0.5	0.4	0.5	0.7	0.7	0.5	0.9		0.8	0.9	0.0
1 - 2.....	3.6	1.8	1.8	4.9	4.0	3.7	2.3	5.5		2.3	2.4	1.9
3 - 5.....	12.2	11.6	16.2	11.3	12.8	12.9	13.9	12.1		25.9	26.4	23.0
6 - 10.....	26.2	27.0	29.5	25.9	25.0	23.7	26.5	26.0		18.1	18.0	18.7
11 - 15.....	22.4	25.7	23.1	19.9	22.1	22.2	19.1	23.7		12.4	13.3	7.7
16 - 20.....	16.1	15.9	13.6	17.5	15.1	13.5	16.1	16.7		8.0	8.1	7.5
over 20.....	19.0	17.4	15.4	20.0	20.1	23.0	21.6	15.0		31.7	29.9	41.1
Talk with Teacher Outside Class												
none.....	4.3	4.1	3.2	5.9	2.8	3.3	2.3	2.4		9.1	7.3	18.5
less than one.....	34.6	35.0	27.7	39.0	30.7	28.5	36.3	30.6		32.1	35.5	13.7
1 - 2.....	33.1	28.4	36.0	32.4	37.6	35.2	33.9	43.3		21.4	21.6	20.2
3 - 5.....	18.9	24.1	25.5	13.0	19.5	21.4	17.8	17.9		29.3	31.2	19.2
6 - 10.....	5.7	5.6	4.9	5.9	6.0	7.8	5.7	3.5		7.5	3.8	27.5
11 - 15.....	1.9	1.8	2.3	2.3	1.3	1.2	1.3	1.5		0.3	0.4	0.0
16 - 20.....	0.9	1.0	0.3	0.9	1.0	1.1	1.8	0.4		0.0	0.0	0.0
over 20.....	0.6	0.0	0.0	0.8	1.1	1.5	0.9	0.5		0.4	0.3	0.9
Exercising/Sports												
none.....	4.2	3.3	3.3	4.9	4.4	5.1	4.4	3.5		11.1	12.5	3.7
less than one.....	11.9	8.6	11.4	15.0	11.2	11.1	12.4	10.7		10.0	8.8	16.7
1 - 2.....	19.6	18.8	21.4	18.3	21.4	20.3	18.7	24.7		18.8	16.8	29.2
3 - 5.....	24.1	22.9	24.3	26.4	22.4	23.1	17.1	24.5		20.0	21.6	11.1
6 - 10.....	19.4	25.2	17.2	16.4	18.2	20.7	21.2	12.8		20.4	18.7	29.7
11 - 15.....	8.5	9.7	9.5	5.2	11.0	9.0	11.5	13.8		12.7	14.5	3.2
16 - 20.....	5.5	4.8	4.2	5.6	6.3	4.6	9.4	6.8		6.2	6.8	2.7
over 20.....	6.9	6.7	8.7	8.3	5.0	6.2	5.4	3.2		0.8	0.2	3.7
Partying												
none.....	12.5	9.2	12.3	11.1	17.4	17.5	14.8	18.6		12.5	12.1	14.5
less than one.....	10.5	10.5	12.4	8.6	12.4	8.4	9.4	19.8		8.4	8.2	9.8
1 - 2.....	16.2	11.8	14.1	19.0	17.4	17.7	16.5	17.3		17.4	18.7	10.8
3 - 5.....	26.5	29.6	32.3	25.4	23.3	23.5	23.6	22.9		22.8	23.4	19.4
6 - 10.....	18.6	24.0	16.7	18.1	14.7	16.0	18.1	10.9		11.2	7.8	29.6
11 - 15.....	7.2	9.9	6.5	6.2	5.9	4.7	8.0	6.5		20.1	22.5	7.0
16 - 20.....	3.4	1.8	4.8	4.2	3.4	4.3	3.9	1.8		3.1	2.8	4.9
over 20.....	5.2	3.2	0.9	7.4	5.5	7.8	5.7	2.1		4.5	4.6	3.9

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot		All	Pub	Priv
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1987)												
Working (for Pay)												
none.....	25.9	26.6	35.2	20.5	29.4	27.1	28.9	33.1	23.9	19.1	49.6	
less than one.....	2.0	2.5	1.4	1.5	2.3	1.8	0.9	3.9	1.0	1.0	0.7	
1 - 2.....	3.1	4.9	1.3	1.5	3.8	4.7	2.7	3.0	2.4	2.6	1.2	
3 - 5.....	6.3	4.7	6.3	6.0	8.1	9.6	6.1	7.2	4.6	4.6	4.5	
6 - 10.....	10.2	7.8	8.5	12.7	10.0	12.5	10.3	6.3	20.1	22.6	6.8	
11 - 15.....	16.7	20.1	19.0	16.9	12.5	11.5	11.9	14.2	13.2	13.4	11.9	
16 - 20.....	17.1	19.2	15.3	17.5	15.1	13.1	20.5	15.0	12.9	13.5	9.8	
over 20.....	18.8	14.2	13.1	23.5	18.8	19.8	18.7	17.4	22.0	23.2	15.6	
Volunteer Work												
none.....	55.7	56.5	41.3	58.6	55.1	55.7	50.5	56.8	51.4	50.7	55.3	
less than one.....	14.1	14.5	15.1	14.3	13.1	11.0	14.1	15.5	18.2	17.3	22.7	
1 - 2.....	14.5	13.5	23.8	12.9	14.9	14.7	17.1	13.9	7.6	6.7	12.0	
3 - 5.....	8.6	9.1	14.5	6.1	9.9	12.1	7.3	8.1	15.5	17.3	6.2	
6 - 10.....	4.3	2.9	3.4	5.4	4.4	4.6	4.1	4.1	6.2	7.1	1.9	
11 - 15.....	1.1	1.1	0.6	1.1	1.1	1.2	2.7	0.2	0.8	0.7	1.0	
16 - 20.....	0.8	1.1	0.8	0.6	0.9	0.1	3.0	0.8	0.0	0.0	0.0	
over 20.....	0.9	1.2	0.6	0.9	0.7	0.6	1.2	0.7	0.3	0.2	0.9	
Student Clubs/Groups												
none.....	20.5	20.2	9.2	25.5	17.6	17.5	22.2	15.2	30.5	31.3	26.3	
less than one.....	11.0	7.8	8.9	15.1	9.5	8.5	7.9	12.0	13.8	14.2	11.6	
1 - 2.....	23.5	24.7	26.5	21.1	24.7	24.4	26.4	24.3	17.6	17.8	16.2	
3 - 5.....	22.6	25.5	25.9	19.4	22.8	24.5	22.8	20.5	20.7	18.4	33.3	
6 - 10.....	12.8	11.6	13.9	12.5	14.0	12.2	13.6	16.6	4.3	4.5	3.6	
11 - 15.....	4.1	3.0	8.7	2.6	5.9	5.7	5.3	6.6	4.1	4.4	2.1	
16 - 20.....	2.7	4.3	3.4	1.0	3.0	4.2	0.9	2.5	8.0	8.9	2.8	
over 20.....	2.7	2.9	3.5	2.8	2.4	3.1	0.8	2.3	1.1	0.5	4.1	
Watching TV												
none.....	4.8	5.0	5.9	4.5	4.5	5.7	4.1	3.0	1.6	1.8	1.0	
less than one.....	15.4	19.6	17.7	12.3	14.7	15.0	13.5	14.9	8.0	8.2	6.9	
1 - 2.....	26.0	27.6	24.0	26.9	23.7	23.1	23.8	24.5	31.1	34.7	11.9	
3 - 5.....	28.4	23.2	32.9	28.5	32.2	32.7	33.7	30.5	28.6	31.3	14.0	
6 - 10.....	13.7	15.1	11.1	12.5	14.5	13.5	15.1	15.4	16.6	14.8	26.1	
11 - 15.....	6.3	3.9	3.9	9.3	5.5	4.3	3.0	8.4	8.4	3.9	32.4	
16 - 20.....	2.7	2.8	2.5	2.9	2.4	2.7	4.7	0.6	2.1	1.9	3.2	
over 20.....	2.8	2.8	2.0	3.0	2.7	2.9	2.0	2.7	3.5	3.3	4.5	
Hobbies												
none.....	10.3	11.0	6.6	11.7	8.8	10.0	7.9	7.6	7.9	7.5	10.2	
less than one.....	14.6	23.2	14.6	10.3	11.6	9.9	12.7	13.4	7.2	6.7	9.7	
1 - 2.....	25.5	21.3	26.6	25.9	28.9	26.6	31.9	30.3	28.7	32.0	10.9	
3 - 5.....	26.8	23.4	26.5	29.1	27.3	29.8	25.5	24.9	24.7	23.7	30.1	
6 - 10.....	14.1	13.3	17.3	14.6	13.2	12.9	13.8	13.4	19.3	17.6	28.7	
11 - 15.....	4.7	4.5	4.5	4.3	5.3	5.0	4.7	6.1	9.5	10.7	3.3	
16 - 20.....	1.7	1.8	1.7	1.3	2.2	2.1	1.2	2.9	1.3	1.3	1.0	
over 20.....	2.3	1.4	2.0	2.7	2.7	3.7	2.3	1.4	1.4	0.5	6.1	

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1989)												
Classes/Labs												
none.....	0.4	0.2	0.0	0.1	0.9	1.1	0.7	0.9		1.8	1.5	3.8
less than one.....	0.4	0.8	0.0	0.2	0.4	0.2	0.6	0.6		4.0	4.6	0.0
1 - 2.....	2.9	1.1	2.3	4.8	2.4	2.5	1.5	2.8		2.0	2.3	0.0
3 - 5.....	6.8	10.3	1.7	6.8	4.7	4.5	7.1	3.7		9.3	9.8	5.8
6 - 10.....	9.5	5.2	9.5	11.9	10.7	11.9	13.5	7.5		11.1	7.1	40.3
11 - 15.....	30.7	34.9	32.7	30.0	26.9	27.4	30.1	24.4		36.8	40.2	12.3
16 - 20.....	37.0	37.1	38.4	36.0	37.9	36.5	32.3	43.1		26.3	26.8	22.9
over 20.....	12.3	10.4	15.5	10.2	16.1	16.0	14.3	17.1		8.6	7.7	14.9
Studying/Homework												
none.....	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0		0.0	0.0	0.0
less than one.....	0.5	0.0	0.0	1.1	0.3	0.3	0.5	0.0		7.8	8.6	2.4
1 - 2.....	2.7	3.5	2.2	3.1	1.6	2.6	1.4	0.4		4.1	4.0	4.8
3 - 5.....	18.1	20.5	14.0	19.7	14.7	17.3	15.1	10.8		27.4	28.1	21.8
6 - 10.....	29.3	26.9	24.1	33.7	27.5	21.4	32.8	33.2		24.4	21.5	44.9
11 - 15.....	22.1	19.1	19.9	22.0	25.9	27.9	22.3	25.1		15.1	15.6	11.3
16 - 20.....	11.9	14.2	13.3	9.4	12.5	11.5	15.2	12.3		15.6	16.4	9.5
over 20.....	15.3	15.8	26.5	10.9	17.5	18.9	12.8	18.3		5.7	5.8	5.3
Socializing with Friends												
none.....	0.1	0.2	0.0	0.1	0.1	0.0	0.0	0.2		2.4	2.7	0.0
less than one.....	0.6	0.3	0.0	0.8	0.9	0.9	2.3	0.0		1.6	1.5	2.1
1 - 2.....	3.9	2.6	2.7	5.5	3.4	5.4	2.3	1.1		19.6	20.9	10.3
3 - 5.....	17.4	10.8	15.1	22.5	18.1	17.6	17.3	19.1		18.0	14.0	46.9
6 - 10.....	26.7	25.5	27.9	26.3	27.9	29.8	25.4	26.7		27.3	28.5	18.1
11 - 15.....	21.7	29.4	21.1	19.4	17.0	14.9	20.1	18.4		12.0	12.8	5.5
16 - 20.....	11.2	12.8	15.3	9.4	11.0	11.8	7.5	11.7		12.7	13.5	6.7
over 20.....	18.5	18.5	18.0	16.0	21.7	19.6	25.0	22.9		6.6	6.1	10.3
Talk with Faculty Outside Class												
none.....	8.8	14.6	6.6	7.9	4.6	4.5	4.1	5.0		5.2	5.0	6.4
less than one.....	45.3	50.8	52.0	46.2	36.6	35.4	37.3	37.8		51.6	52.4	46.4
1 - 2.....	33.3	26.8	31.9	33.2	40.3	38.2	43.6	41.3		28.3	27.9	31.5
3 - 5.....	11.1	7.1	9.6	11.3	15.3	18.1	13.3	12.4		12.3	12.0	14.5
6 - 10.....	1.4	0.7	0.0	1.3	2.7	2.8	1.7	3.1		1.7	2.0	0.0
11 - 15.....	0.1	0.0	0.0	0.1	0.3	0.4	0.0	0.4		0.3	0.2	1.2
16 - 20.....	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0		0.5	0.5	0.0
over 20.....	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0		0.0	0.0	0.0
Exercising/Sports												
none.....	5.5	4.4	6.1	6.1	5.7	6.2	4.0	5.9		17.6	18.7	9.5
less than one.....	17.9	21.3	11.3	18.7	14.9	15.4	16.8	13.1		30.3	26.9	54.8
1 - 2.....	26.2	26.9	21.7	24.1	29.3	30.2	29.4	27.9		21.4	22.7	12.2
3 - 5.....	28.6	26.9	31.0	30.8	27.0	24.6	25.7	31.0		17.4	17.2	19.3
6 - 10.....	14.9	14.8	20.3	14.5	14.0	15.3	13.5	12.4		8.1	8.7	3.4
11 - 15.....	4.4	4.0	5.9	3.2	5.8	5.0	6.4	6.7		3.9	4.3	0.9
16 - 20.....	1.0	0.4	1.9	1.1	1.2	1.2	0.9	1.5		1.0	1.2	0.0
over 20.....	1.7	1.4	1.9	1.6	2.2	2.1	3.4	1.5		0.3	0.3	0.0

1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot		All	Pub	Priv
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1989)												
Reading for Pleasure												
none.....	29.3	32.4	29.1	31.8	23.0	20.4	21.3	27.6		31.1	28.3	51.5
less than one.....	29.0	30.6	31.1	25.3	31.5	27.7	36.7	34.2		26.1	26.9	20.3
1 - 2.....	21.5	19.2	23.2	18.1	28.0	31.1	26.2	24.5		16.6	17.0	13.8
3 - 5.....	14.6	13.6	13.9	16.6	13.4	16.5	10.3	10.7		13.3	13.5	11.5
6 - 10.....	4.0	3.2	2.1	5.9	3.0	3.1	4.3	2.2		11.2	12.4	2.8
11 - 15.....	0.9	0.3	0.2	1.7	0.8	0.9	0.7	0.7		0.5	0.6	0.0
16 - 20.....	0.5	0.7	0.3	0.5	0.2	0.3	0.4	0.0		0.8	1.0	0.0
over 20.....	0.1	0.0	0.0	0.3	0.2	0.2	0.0	0.2		0.3	0.3	0.0
Using a Personal Computer												
none.....	43.2	49.2	30.3	43.2	40.4	37.4	36.4	47.0		49.0	52.6	23.0
less than one.....	17.9	18.4	15.7	20.4	14.9	12.4	26.0	12.2		16.8	13.4	40.6
1 - 2.....	18.7	15.3	26.4	19.1	19.4	20.2	19.4	18.3		10.8	10.2	14.5
3 - 5.....	14.0	13.6	19.1	11.3	16.5	18.1	13.8	15.6		16.3	16.7	13.8
6 - 10.....	4.3	2.4	6.5	4.4	5.7	7.1	3.2	5.1		2.2	2.0	3.8
11 - 15.....	1.2	0.3	0.8	0.9	2.5	3.9	1.0	1.4		2.1	2.0	2.8
16 - 20.....	0.2	0.0	0.8	0.0	0.4	0.5	0.2	0.2		0.8	0.9	0.0
over 20.....	0.6	0.8	0.4	0.7	0.3	0.4	0.0	0.2		2.2	2.2	1.6
Partying												
none.....	14.4	9.9	12.0	14.0	19.9	19.5	14.5	23.6		39.1	41.7	20.8
less than one.....	9.2	7.6	8.2	10.2	10.0	9.1	8.5	12.0		10.0	9.4	14.6
1 - 2.....	15.4	13.4	16.6	16.5	15.7	17.8	16.4	12.3		13.4	9.6	40.0
3 - 5.....	29.6	36.9	27.8	27.6	25.0	27.3	21.2	23.9		12.4	13.2	7.1
6 - 10.....	19.1	20.2	23.2	18.0	18.2	16.6	23.0	17.9		17.9	19.2	8.2
11 - 15.....	6.0	5.7	5.2	5.8	6.7	6.0	11.8	5.0		5.5	5.7	3.8
16 - 20.....	3.9	3.6	2.8	5.9	2.1	1.6	3.0	2.2		0.9	0.7	2.9
over 20.....	2.4	2.6	4.2	2.0	2.3	2.1	1.7	3.0		0.8	0.6	2.5
Working (for Pay)												
none.....	30.1	34.4	32.8	28.6	27.0	33.3	20.8	21.4		32.9	34.2	23.1
less than one.....	0.8	0.9	1.5	0.5	0.7	1.0	0.0	0.8		0.9	0.4	4.1
1 - 2.....	1.4	1.1	2.1	0.4	2.9	2.9	3.2	2.7		2.9	3.3	0.0
3 - 5.....	5.4	3.5	8.5	3.0	9.5	9.1	12.4	8.4		3.1	3.4	1.0
6 - 10.....	19.1	16.8	21.6	15.8	25.2	19.2	27.7	32.2		6.4	6.4	6.7
11 - 15.....	16.9	14.0	17.4	21.4	13.9	13.3	13.0	15.3		14.4	10.1	44.9
16 - 20.....	12.7	16.2	10.9	13.3	8.8	8.7	12.1	7.3		11.5	12.0	7.8
over 20.....	13.6	13.1	5.4	16.9	12.0	12.6	10.8	11.9		28.0	30.2	12.4
Volunteer Work												
none.....	63.7	69.6	57.1	64.6	58.3	62.3	55.8	54.0		71.8	71.5	73.8
less than one.....	11.3	8.9	12.5	11.7	12.9	9.1	12.3	18.6		8.3	8.2	8.8
1 - 2.....	13.1	9.4	15.3	12.6	17.0	16.8	20.5	15.5		12.6	12.9	10.9
3 - 5.....	8.4	9.6	11.3	6.9	8.5	8.6	9.4	8.0		5.4	5.5	4.5
6 - 10.....	2.4	1.2	2.7	3.4	2.1	2.4	1.5	2.1		1.3	1.5	0.0
11 - 15.....	0.5	0.6	1.0	0.2	0.5	0.6	0.0	0.7		0.4	0.5	0.0
16 - 20.....	0.1	0.0	0.0	0.2	0.3	0.2	0.0	0.4		0.0	0.0	0.0
over 20.....	0.4	0.6	0.0	0.3	0.3	0.0	0.5	0.8		0.2	0.0	1.9

**1989 FOLLOW-UP OF FALL 1987 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
HOURS PER WEEK IN THE PAST YEAR SPENT ON (REPORTED IN 1989)											
Student Clubs/Groups											
none.....	38.9	43.1	26.1	44.8	30.2	34.0	31.7	24.1	63.3	63.1	64.3
less than one.....	11.2	7.6	6.0	13.4	13.2	11.4	12.2	16.4	16.9	17.7	11.1
1 - 2.....	21.3	18.2	28.6	18.2	26.4	25.8	27.7	26.5	11.9	11.3	16.0
3 - 5.....	18.2	19.4	24.0	14.0	21.1	20.2	20.6	22.6	4.5	4.7	3.4
6 - 10.....	6.7	7.2	9.8	6.4	5.7	4.8	6.2	6.6	2.1	2.1	2.5
11 - 15.....	2.0	2.3	3.0	1.7	1.8	1.6	1.2	2.3	1.1	0.9	2.6
16 - 20.....	0.8	1.0	1.4	0.7	0.5	0.4	0.4	0.6	0.0	0.0	0.0
over 20.....	1.0	1.2	1.1	0.7	1.2	1.7	0.0	1.0	0.2	0.3	0.0
Watching TV											
none.....	10.5	11.4	16.8	6.0	13.9	15.2	10.9	13.7	4.8	4.3	8.3
less than one.....	14.2	13.2	19.8	10.5	18.4	13.8	16.4	25.9	21.7	23.8	7.2
1 - 2.....	21.7	20.4	22.5	21.6	22.8	23.2	24.2	21.5	24.9	25.6	19.9
3 - 5.....	34.2	35.1	26.6	41.1	26.4	28.6	25.6	23.9	32.3	29.7	51.0
6 - 10.....	11.5	10.5	10.2	13.1	10.9	10.5	16.7	8.4	11.3	12.2	5.3
11 - 15.....	4.6	5.2	3.0	5.7	3.1	4.2	2.2	2.1	3.7	3.6	4.8
16 - 20.....	1.3	1.6	0.0	0.6	2.2	3.6	1.4	0.7	0.4	0.3	1.5
over 20.....	1.9	2.5	1.1	1.4	2.2	1.0	2.5	3.7	0.8	0.6	2.0
Commuting to Campus											
none.....	58.4	51.5	69.6	51.3	71.5	67.7	67.3	79.1	25.6	24.5	33.1
less than one.....	12.6	14.6	11.2	14.7	8.1	9.9	9.8	4.6	10.0	10.5	7.1
1 - 2.....	8.9	10.6	7.3	8.9	7.5	8.9	7.8	5.4	22.0	23.2	13.9
3 - 5.....	11.2	12.2	6.3	14.1	7.7	7.0	10.5	7.3	28.0	26.1	41.2
6 - 10.....	7.6	10.4	4.3	8.5	4.6	6.0	3.7	3.1	13.6	15.0	3.6
11 - 15.....	0.5	0.2	0.5	0.7	0.6	0.6	0.9	0.5	0.0	0.0	0.0
16 - 20.....	0.4	0.2	0.3	1.0	0.0	0.0	0.0	0.0	0.3	0.2	1.2
over 20.....	0.4	0.3	0.6	0.8	0.0	0.0	0.0	0.0	0.5	0.6	0.0
Religious Services/Meetings											
none.....	51.4	56.1	41.0	59.2	39.4	47.3	26.4	35.3	55.0	55.6	50.8
less than one.....	13.6	15.5	15.1	11.4	14.0	10.5	21.7	14.7	10.7	10.1	14.7
1 - 2.....	25.8	22.4	34.3	23.3	30.3	24.9	44.1	30.5	28.9	29.6	23.3
3 - 5.....	6.8	4.5	8.0	3.3	13.2	14.9	6.2	14.8	3.9	3.2	8.5
6 - 10.....	1.9	1.6	0.8	2.1	2.4	2.3	1.6	2.9	0.9	0.6	2.7
11 - 15.....	0.3	0.0	0.7	0.4	0.4	0.0	0.0	1.3	0.7	0.8	0.0
16 - 20.....	0.1	0.0	0.0	0.2	0.2	0.0	0.0	0.5	0.0	0.0	0.0
over 20.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hobbies											
none.....	25.7	26.6	29.1	25.0	24.8	26.1	22.4	24.3	35.5	38.4	15.2
less than one.....	20.0	19.4	21.0	17.3	23.8	20.4	28.5	25.9	15.9	12.1	42.7
1 - 2.....	30.5	32.3	28.4	29.4	30.5	30.4	29.7	30.9	31.7	33.0	22.6
3 - 5.....	17.7	12.6	13.9	24.3	15.5	16.4	12.7	15.6	12.4	12.9	8.6
6 - 10.....	4.7	7.5	5.3	3.6	3.1	3.1	5.1	2.1	3.4	2.8	7.6
11 - 15.....	0.9	1.1	1.7	0.2	1.4	2.4	1.3	0.0	1.0	0.7	3.4
16 - 20.....	0.4	0.5	0.6	0.3	0.3	0.5	0.3	0.0	0.0	0.0	0.0
over 20.....	0.2	0.0	0.0	0.0	0.7	0.7	0.0	1.1	0.2	0.2	0.0

National Normative Data
for
1985 Freshmen
Four Years After College Entry

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**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot		All	Pub	Priv
Year Graduated from High School												
1985.....	98.1	98.4	100.0	97.9	97.3	99.1	92.2	97.5		87.8	86.3	96.9
1984.....	0.8	0.8	0.0	1.0	1.1	0.7	0.6	2.0		2.1	2.3	1.0
1983.....	0.2	0.1	0.0	0.4	0.1	0.0	0.0	0.4		0.4	0.3	1.0
1982 or earlier.....	0.4	0.7	0.0	0.6	0.1	0.1	0.3	0.0		5.8	6.6	0.9
H.S. equivalency (G.E.D. test)...	0.4	0.0	0.0	0.2	1.1	0.0	5.9	0.0		3.4	3.9	0.3
never completed high school.....	0.1	0.0	0.0	0.0	0.3	0.2	1.0	0.1		0.4	0.5	0.0
Age on December 31, 1989												
20 or younger.....	0.0	0.0	0.2	0.0	0.1	0.2	0.0	0.0		0.0	0.0	0.0
21.....	2.3	2.0	4.4	1.8	2.4	2.4	2.9	2.1		1.1	1.1	1.2
22.....	77.9	78.6	81.5	78.3	75.2	78.6	71.5	71.9		70.2	71.6	61.5
23.....	18.2	18.0	13.9	17.8	20.5	18.4	18.7	24.7		18.2	15.5	34.8
24.....	0.8	0.7	0.0	1.5	0.5	0.2	0.7	0.7		2.2	2.3	1.6
25-28.....	0.7	0.7	0.0	0.4	1.3	0.1	5.9	0.5		1.5	1.6	0.9
29-33.....	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.0		2.5	2.9	0.0
34-43.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		3.7	4.2	0.0
44-58.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.2	0.2	0.0
59 or older.....	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0		0.4	0.5	0.0
Racial Background (1)												
White/Caucasian.....	85.0	91.4	86.0	78.4	86.1	83.1	83.7	92.1		87.6	87.6	87.5
Black/Negro/Afro-American.....	10.1	5.2	3.5	16.3	10.4	15.0	4.4	6.8		9.7	10.6	4.3
American Indian.....	1.1	1.2	0.9	1.2	0.9	1.0	0.6	0.9		1.2	0.3	6.9
Asian-American/Oriental.....	2.6	2.7	7.7	2.0	1.2	1.2	1.9	0.7		0.4	0.4	0.0
Mexican-American/Chicano.....	1.3	0.9	2.0	0.4	2.5	1.3	8.8	0.5		0.8	0.7	1.3
Puerto Rican-American.....	0.4	0.2	0.3	0.5	0.5	0.3	1.3	0.3		0.1	0.1	0.0
other.....	1.7	1.1	3.0	2.7	0.6	0.9	0.6	0.2		0.6	0.7	0.0
Miles from Home to College												
5 or less.....	5.3	4.1	2.2	7.3	5.5	5.9	8.2	3.4		11.7	12.9	4.8
6-10.....	6.6	6.5	5.8	7.3	6.1	3.9	16.2	3.3		14.3	15.3	8.2
11-50.....	24.2	19.3	17.2	34.7	19.4	17.9	25.2	18.4		36.6	36.2	39.1
51-100.....	17.9	18.8	7.9	20.5	17.9	16.2	17.6	20.7		15.9	16.7	11.3
101-500.....	34.1	46.4	33.8	22.6	35.4	36.9	23.9	40.0		19.7	18.3	28.5
more than 500.....	11.8	4.9	33.0	7.6	15.6	19.1	8.9	14.3		1.6	0.6	8.1
Marital Status in 1985												
not presently married.....	99.7	100.0	100.0	99.2	100.0	100.0	99.8	100.0		93.3	92.3	100.0
married, living with spouse.....	0.2	0.0	0.0	0.6	0.0	0.0	0.0	0.0		5.8	6.7	0.0
married, not living with spouse.....	0.1	0.0	0.0	0.3	0.0	0.0	0.2	0.0		0.9	1.0	0.0
Marital Status in 1989												
not presently married.....	92.7	94.2	97.4	89.6	93.2	95.0	96.5	88.3		84.8	85.1	82.8
married, living with spouse.....	7.1	5.6	2.6	10.2	6.6	4.6	3.5	11.6		14.6	14.3	16.1
married, not living with spouse.....	0.2	0.3	0.0	0.2	0.2	0.4	0.0	0.1		0.7	0.6	1.1

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ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot		All	Pub	Priv
Average High School Grade												
A or A+.....	14.1	16.1	33.6	8.1	11.7	10.8	10.7	13.8		3.1	3.4	1.3
A-.....	14.9	15.1	25.7	12.3	13.5	13.0	11.8	15.4		5.7	5.5	6.6
B+.....	20.7	21.0	21.2	19.7	21.4	21.9	22.6	19.9		14.0	15.2	6.5
B.....	22.9	23.4	12.3	25.8	23.1	21.1	29.6	22.3		27.2	27.4	26.1
B-.....	11.5	10.7	6.1	11.3	14.6	16.0	10.7	14.7		16.0	15.4	19.8
C+.....	9.9	9.6	1.0	13.8	9.2	10.0	6.4	9.5		19.1	19.5	16.5
C.....	5.4	4.1	0.1	7.4	6.5	7.2	8.2	4.3		13.7	13.2	16.6
D.....	0.5	0.1	0.0	1.5	0.0	0.0	0.0	0.0		1.3	0.4	6.5
Average Undergraduate Grade												
A.....	6.3	5.6	10.7	5.7	6.1	4.4	6.4	8.7		5.0	5.4	3.2
B+, A-.....	25.4	24.9	41.2	19.0	27.3	26.8	23.3	30.4		15.5	15.5	15.9
B.....	34.4	32.4	30.2	35.8	36.4	35.8	43.5	33.2		30.8	31.7	25.3
C+, B-.....	23.0	24.7	15.1	27.0	19.7	20.2	19.0	19.4		21.7	19.3	36.0
C.....	8.4	9.6	2.5	9.1	8.8	11.1	7.5	6.0		19.6	20.7	13.0
C- or less.....	2.4	2.8	0.4	3.3	1.6	1.8	0.2	2.3		7.4	7.5	6.5
Degree Aspirations in 1985												
none.....	1.5	2.0	0.5	2.2	0.7	0.8	0.4	0.8		4.6	5.4	1.0
vocational certificate.....	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.4		1.4	1.7	0.0
associate (A.A. or equivalent).....	0.3	0.6	0.0	0.0	0.5	0.4	0.3	0.7		14.2	13.5	17.6
bachelor's (B.A., B.S., etc.).....	33.9	38.6	16.0	40.5	28.9	29.3	26.4	30.0		44.5	44.0	46.6
master's (M.A., M.S., etc.).....	34.8	31.2	39.2	34.6	36.9	36.3	40.0	36.0		28.0	28.5	26.0
Ph.D. or Ed.D.....	13.2	13.4	18.8	10.4	13.9	15.3	12.5	12.5		3.8	3.9	3.2
M.D., D.O., D.D.S., D.V.M.....	9.1	9.9	17.7	4.6	9.8	9.2	11.8	9.5		1.6	1.7	1.2
LL.B. or J.D. (law).....	5.4	3.3	6.5	5.4	7.1	7.4	6.7	6.7		1.0	0.4	4.0
B.D. or M.Div. (divinity).....	0.5	0.3	0.3	0.6	0.8	0.2	0.4	2.1		0.1	0.0	0.6
other.....	1.1	0.7	1.0	1.6	1.2	1.0	1.4	1.2		0.7	0.9	0.0
Highest Degree Earned by 1989												
none.....	39.5	48.3	21.7	46.0	30.2	29.1	32.0	30.8		32.6	33.6	26.9
vocational certificate.....	1.3	0.9	0.5	2.4	0.8	1.0	0.3	0.6		4.8	5.3	2.1
associate (A.A. or equivalent).....	6.3	8.3	0.8	8.2	4.5	6.4	3.4	2.3		43.1	41.2	54.0
bachelor's (B.A., B.S., etc.).....	51.6	41.2	76.3	42.2	63.2	62.7	62.9	64.0		18.2	18.6	16.4
master's (M.A., M.S., etc.).....	0.1	0.1	0.5	0.1	0.1	0.0	0.1	0.1		0.1	0.0	0.7
Ph.D. or Ed.D.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1		0.0	0.0	0.0
M.D., D.O., D.D.S., D.V.M.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
J.D. or LL.B. (law).....	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0		0.0	0.0	0.0
B.D. or M.Div. (divinity).....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4		0.5	0.6	0.0
other.....	1.0	1.1	0.2	1.2	1.1	0.8	1.1	1.5		0.7	0.8	0.0
Degree Aspirations in 1989												
none.....	2.3	1.6	2.1	2.7	2.7	2.7	2.8	2.7		4.4	4.4	4.4
vocational certificate.....	0.7	0.4	0.2	0.4	1.6	2.8	1.0	0.3		0.8	0.9	0.0
associate (A.A. or equivalent).....	1.2	2.7	0.2	0.6	0.6	0.5	0.6	0.8		12.9	14.0	6.2
bachelor's (B.A., B.S., etc.).....	25.6	33.1	12.4	28.0	20.5	19.7	23.2	20.1		34.2	30.4	57.9
master's (M.A., M.S., etc.).....	40.2	38.0	40.8	40.2	42.1	44.0	39.9	40.7		28.7	30.4	18.2
Ph.D. or Ed.D.....	15.0	12.7	18.6	15.5	15.5	16.5	11.6	16.3		11.4	12.3	5.8
M.D., D.O., D.D.S., D.V.M.....	4.9	4.4	9.9	4.6	3.9	3.3	5.6	3.9		0.6	0.5	1.0
J.D. or LL.B. (law).....	7.3	6.0	12.9	5.7	8.1	7.2	12.4	6.9		1.9	2.0	1.4
B.D. or M.Div. (divinity).....	0.3	0.0	0.0	0.0	1.0	0.5	1.0	1.7		0.1	0.0	0.8
other.....	2.5	1.2	2.9	2.4	3.8	2.9	1.9	6.5		5.0	5.2	4.3

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ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Freshman College was Student's												
first choice.....	72.2	76.6	74.0	67.2	72.8	70.9	77.6	72.9		74.8	75.7	68.9
second choice.....	18.9	16.0	17.9	20.7	20.0	20.7	17.3	20.6		18.2	18.8	14.6
third choice.....	6.7	4.8	5.6	10.5	4.8	5.9	3.6	3.7		4.6	3.8	9.5
less than third choice.....	2.2	2.6	2.6	1.6	2.4	2.4	1.5	2.8		2.4	1.7	7.0
College Experiences Noted Very Satisfactory or Satisfactory (2)												
science and mathematics courses.....	62.5	54.8	64.8	67.3	63.9	59.4	67.9	68.5		66.2	66.1	66.9
humanities courses.....	74.6	73.7	82.3	70.6	77.0	76.1	75.8	79.1		63.3	63.5	62.6
social science courses.....	73.0	70.5	75.3	71.6	76.2	75.0	72.6	80.0		64.2	64.5	62.3
courses in major field.....	83.8	80.6	87.0	85.3	84.1	87.4	80.4	81.0		77.0	77.4	74.8
general education requirements..	63.3	59.1	70.2	62.1	66.5	66.0	66.2	67.3		63.5	62.2	71.7
relevance of coursework to life.....	52.8	44.2	56.0	54.8	58.3	56.6	58.8	60.6		47.2	46.0	54.5
overall quality of instruction..	74.0	67.5	82.2	70.6	81.5	81.3	78.6	83.6		71.2	71.1	71.9
lab facilities and equipment....	63.9	63.6	72.1	64.7	60.2	58.1	55.4	66.2		70.8	72.1	64.0
library facilities.....	73.1	82.7	72.7	73.3	63.2	64.8	58.5	63.6		81.9	83.8	70.6
computer facilities.....	73.1	76.8	78.9	72.3	68.2	71.5	62.3	66.5		76.9	79.4	59.5
oppty for interdisciplin courses	55.7	55.4	61.4	51.0	58.4	57.9	58.4	59.0		39.8	41.5	29.8
oppty to talk to professors.....	77.3	66.5	78.7	77.4	87.5	89.6	83.2	86.9		70.5	69.2	78.6
oppty for extracurr activities..	80.0	78.2	81.2	80.4	80.8	82.9	68.5	84.2		61.2	57.7	81.8
campus social life.....	64.6	76.9	58.4	59.9	59.6	59.9	51.3	63.7		61.7	59.7	73.8
regulations on campus life.....	43.1	48.9	43.7	37.5	43.4	49.6	32.9	39.8		45.7	46.0	43.9
academic tutoring or assistance.....	59.3	54.8	55.1	57.5	67.3	70.5	54.3	70.4		57.9	56.4	66.7
academic advising.....	44.1	36.3	37.8	43.6	55.1	54.6	46.0	61.3		52.8	52.5	55.1
career counseling and advising..	42.2	39.3	42.1	44.3	43.0	45.1	36.2	44.0		45.3	45.4	44.5
personal counseling.....	45.8	41.7	45.9	42.1	54.2	55.9	45.8	56.2		42.7	40.8	54.1
student housing.....	55.2	54.6	62.8	47.8	60.7	60.4	56.6	63.1		50.2	48.2	60.0
financial aid services.....	44.0	38.2	48.1	40.2	51.8	48.0	54.9	55.3		49.1	44.7	80.0
contact with faculty and admin..	62.6	48.6	61.8	60.9	79.6	80.4	76.8	80.0		55.5	52.2	76.0
relations with faculty & admin..	66.5	55.0	64.8	65.8	79.7	79.9	75.2	82.0		62.0	60.8	70.3
oppty to attend films,concerts..	73.4	82.6	80.5	65.5	70.4	71.3	64.1	72.7		66.7	67.4	62.3
job placement services.....	46.2	50.3	50.3	45.8	41.1	45.2	32.5	39.9		43.3	43.2	43.4
campus health services.....	59.5	62.9	55.3	60.1	57.2	58.2	63.5	52.2		51.9	51.4	55.0
overall college experience.....	78.1	78.7	80.5	76.9	78.0	81.2	73.4	75.8		72.2	72.0	73.3
Enroll at Freshman College Again												
definitely yes.....	36.0	39.1	42.2	31.8	35.6	37.4	31.4	35.2		35.6	35.7	35.1
probably yes.....	30.7	30.0	30.6	32.0	29.9	29.6	33.5	28.3		28.1	28.9	22.8
don't know.....	4.6	5.9	3.5	4.2	4.2	4.3	4.0	4.3		4.5	4.2	6.4
probably not.....	16.4	17.3	13.8	17.4	15.2	15.5	14.0	15.6		19.1	19.7	15.3
definitely not.....	12.2	7.7	9.9	14.5	15.1	13.2	17.1	16.7		12.7	11.5	20.4

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ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub						All	Pub	Priv
		Pub	Priv		All Priv	Nons	Cath	Prot				
Student Took Time Off, Withdrew or Transferred												
no.....	67.6	68.0	78.2	67.4	63.3	63.9	62.6	62.6	52.8	52.7	53.3	
transferred.....	17.4	18.8	14.1	12.3	23.4	20.5	25.5	26.7	18.4	17.4	26.2	
withdrew.....	8.8	7.1	3.4	13.5	7.0	8.4	4.9	6.0	18.2	19.5	8.2	
leave of absence.....	6.2	6.1	4.2	6.8	6.4	7.2	7.0	4.7	10.6	10.3	12.3	
Reasons Noted as Very Important for Taking Time Off (3)												
reconsider goals & interests....	48.9	46.7	49.5	54.0	45.1	48.5	47.7	38.2	48.4	48.8	45.7	
changed career plans.....	31.4	31.4	30.0	32.8	30.0	30.8	38.6	23.4	30.8	30.3	33.7	
wanted practical experience....	20.6	21.9	13.2	22.3	19.4	22.6	16.7	16.3	20.6	21.0	18.2	
didn't "fit in".....	20.4	19.7	25.4	21.4	18.6	11.9	20.6	27.8	11.6	11.1	14.5	
was bored with course work.....	13.1	17.5	14.8	10.1	12.0	7.7	18.9	14.5	26.2	29.8	6.3	
wanted better acad. reputation..	15.0	14.6	12.0	11.0	20.4	12.3	24.8	29.5	21.3	18.4	36.9	
wanted better social life.....	16.6	9.8	17.0	21.2	17.2	8.9	26.5	24.2	9.7	10.4	5.9	
wanted to be closer to home.....	10.5	9.7	16.4	7.8	12.8	9.8	13.4	17.0	7.3	6.1	13.9	
had good job offer.....	9.7	6.6	2.9	13.7	9.4	11.8	9.2	5.8	8.4	9.0	4.8	
wasn't doing well academically..	24.3	24.7	18.4	33.5	15.0	12.3	14.2	19.6	30.6	34.1	11.2	
family responsibilities.....	12.2	6.9	9.9	18.6	10.1	9.0	9.2	12.3	31.3	34.7	11.8	
tired of being student.....	11.1	5.2	10.2	20.0	6.4	6.9	5.3	6.3	17.1	18.8	7.3	
couldn't afford college.....	28.7	24.6	23.5	36.8	24.5	28.5	19.0	21.6	18.5	17.0	27.0	
wanted wider course selection...	20.8	18.9	13.9	11.7	33.9	27.4	33.1	43.7	25.1	21.2	46.0	
ENROLLMENT STATUS												
First Year												
attended first college full-time	98.6	98.7	99.3	97.9	99.3	99.0	99.4	99.5	94.2	93.2	99.6	
attended first college part-time	0.4	0.8	0.6	0.3	0.2	0.3	0.6	0.0	4.7	5.4	0.3	
attended diff college full-time..	0.7	0.3	0.2	1.4	0.5	0.6	0.0	0.5	0.8	0.9	0.1	
attended diff college part-time..	0.1	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.5	0.0	
not enrolled.....	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Second Year												
attended first college full-time	81.5	80.4	87.0	82.4	79.1	79.9	78.3	78.5	73.6	75.7	61.1	
attended first college part-time	3.0	4.0	1.0	3.3	2.4	1.4	3.7	3.0	10.2	11.3	3.5	
attended diff college full-time..	10.3	9.8	8.5	8.5	13.9	13.9	15.0	13.2	9.7	8.0	19.7	
attended diff college part-time..	1.4	1.3	0.9	1.7	1.3	1.0	0.8	2.2	3.1	1.8	11.3	
not enrolled.....	3.8	4.5	2.5	4.1	3.3	3.9	2.1	3.1	3.4	3.2	4.4	
Third Year												
attended first college full-time	73.0	72.3	78.4	77.6	66.6	67.1	70.9	63.1	27.0	31.3	5.7	
attended first college part-time	2.6	2.3	1.4	2.2	4.0	5.5	1.5	3.1	5.2	5.8	2.0	
attended diff college full-time..	15.3	13.7	15.3	11.6	21.2	20.7	18.6	23.5	38.8	35.5	55.2	
attended diff college part-time..	3.2	3.4	2.8	2.8	3.5	2.7	4.0	4.5	3.8	4.0	2.9	
not enrolled.....	5.8	8.3	2.1	5.8	4.8	4.0	5.0	5.8	25.1	23.3	34.2	
Fourth Year												
attended first college full-time	74.6	74.5	78.2	77.8	69.5	70.9	73.0	65.5	28.7	33.0	7.2	
attended first college part-time	2.0	1.7	2.7	2.4	1.7	1.2	2.7	2.0	2.3	2.0	3.8	
attended diff college full-time..	12.8	11.6	13.9	8.0	19.0	17.2	15.2	24.1	32.7	29.2	50.3	
attended diff college part-time..	3.2	3.8	2.3	3.2	2.9	3.2	4.0	1.8	4.6	5.1	2.0	
not enrolled.....	7.4	8.4	2.9	8.7	6.8	7.6	5.1	6.7	31.7	30.7	36.8	

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ALL STUDENTS	Four-year Colleges											
	All 4-yr	Universities							Two-year Colleges			
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot		All	Pub	Priv
Have Met or Exceeded Recommended Years of High School Study (4)												
English (4 years).....	93.9	92.5	98.4	93.2	94.4	95.9	91.2	93.9		90.4	89.3	96.7
mathematics (3 years).....	91.3	92.8	97.2	88.1	90.9	90.2	93.7	90.2		76.1	74.8	83.8
foreign language (2 years).....	75.6	74.7	91.9	69.0	77.3	79.2	85.2	69.4		47.9	46.5	56.5
physical science (2 years).....	59.5	59.7	75.7	58.0	54.5	54.6	50.6	56.8		49.0	52.0	31.3
biological science (2 years)....	38.3	38.7	37.0	38.2	38.4	39.5	36.8	37.8		28.3	29.0	24.2
history or Am gov (1 year).....	99.6	99.6	100.0	99.8	99.3	99.1	99.7	99.3		99.2	99.0	100.0
computer science (1/2 year).....	59.3	57.8	65.2	60.4	57.3	56.1	57.6	59.1		55.9	57.3	47.4
art or music (1 year).....	61.7	60.0	61.0	62.8	62.6	60.7	62.1	65.7		58.2	57.5	62.7
Number of Undergraduate Courses Taken Which Emphasize:												
Writing Skills												
none.....	1.8	2.5	2.5	1.2	1.6	2.5	0.7	0.9		10.3	11.4	3.5
1 - 2.....	34.6	39.1	31.0	34.0	31.9	32.4	29.6	32.3		41.9	42.4	38.8
3 - 5.....	37.2	34.0	34.5	43.9	33.7	33.7	34.9	32.8		31.7	30.5	39.5
6 - 8.....	11.8	11.3	14.5	9.3	14.3	13.0	20.0	12.9		10.5	10.2	11.8
9 or more.....	14.6	13.0	17.4	11.6	18.5	18.3	14.9	21.0		5.6	5.5	6.4
Math/Understanding Numbers												
none.....	5.2	3.4	5.1	6.6	5.6	7.1	2.5	5.1		14.9	16.2	6.5
1 - 2.....	31.8	28.3	26.9	30.7	38.6	37.3	38.3	40.9		35.7	34.2	45.3
3 - 5.....	36.0	36.6	35.7	38.2	33.1	35.0	34.9	29.0		33.0	32.2	38.4
6 - 8.....	13.9	15.9	17.8	12.1	12.4	10.4	11.7	16.1		10.0	10.7	6.0
9 or more.....	13.1	15.9	14.5	12.5	10.3	10.2	12.5	8.9		6.3	6.7	3.8
Science/Scientific Inquiry												
none.....	4.7	6.1	4.7	3.9	4.0	3.4	5.6	4.1		20.2	22.3	7.4
1 - 2.....	38.8	26.5	32.8	45.4	46.1	51.0	51.2	35.4		40.0	37.8	53.3
3 - 5.....	27.5	32.0	25.7	24.4	27.3	26.4	20.2	33.1		25.6	25.4	27.0
6 - 8.....	8.6	11.7	7.2	7.3	7.4	6.6	6.2	9.5		5.1	4.9	6.9
9 or more.....	20.4	23.7	29.6	19.0	15.1	12.7	16.9	17.9		9.1	9.7	5.4
History/Historical Analysis												
none.....	8.2	12.7	7.7	7.0	5.4	5.7	6.7	4.0		29.6	32.4	11.7
1 - 2.....	43.5	44.1	37.8	44.2	44.4	46.8	41.6	42.3		44.4	44.5	43.4
3 - 5.....	34.5	32.1	36.6	34.8	35.9	34.6	33.0	39.6		20.9	18.0	39.1
6 - 8.....	7.9	7.1	9.5	8.8	7.1	6.4	11.7	5.5		3.3	3.3	3.0
9 or more.....	5.8	4.1	8.4	5.2	7.2	6.5	7.0	8.5		1.8	1.7	2.7
Foreign Language Skills												
none.....	51.5	51.2	36.8	61.4	45.9	47.7	42.7	45.1		71.7	73.4	61.6
1 - 2.....	28.6	26.9	29.4	26.8	32.2	29.7	34.7	34.5		21.1	19.6	30.3
3 - 5.....	14.0	16.8	22.7	8.2	14.5	16.7	11.3	13.0		6.1	5.9	6.7
6 - 8.....	2.8	1.9	6.0	2.2	3.1	2.8	3.2	3.5		0.5	0.5	0.9
9 or more.....	3.1	3.2	5.1	1.5	4.3	3.1	8.0	3.9		0.6	0.7	0.5

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot		All	Pub	Priv
Events Considered Very Likely to Occur (in 1985)												
be elected to student office....	5.3	3.2	4.8	7.0	5.7	7.1	2.2	5.8	2.8	2.8	3.2	
be satisfied with college.....	55.9	54.8	68.3	52.0	56.4	55.7	56.7	57.2	50.6	50.4	51.4	
change career choice.....	16.3	17.5	20.4	15.0	14.7	15.5	12.0	15.1	4.6	4.7	3.6	
change major field.....	17.1	17.7	19.8	17.9	14.7	15.6	11.7	14.9	7.3	6.7	10.3	
drop out permanently.....	1.9	1.8	1.2	3.3	0.9	1.5	0.1	0.5	1.5	0.5	7.4	
drop out temporarily.....	1.1	1.4	1.2	0.8	1.2	1.7	0.3	0.9	1.4	0.4	7.9	
get job to pay expenses.....	39.7	37.1	43.1	41.2	39.4	37.6	44.5	39.1	39.7	40.4	35.0	
get married while in college....	4.8	4.1	3.4	6.2	4.4	4.5	3.2	4.9	3.5	4.0	1.0	
graduate with honors.....	13.5	11.9	19.6	12.2	14.1	15.3	11.0	14.2	9.8	10.7	4.7	
join social frat or sorority....	23.9	25.5	28.7	19.7	25.1	26.0	23.3	24.7	12.7	12.6	13.4	
make at least "B" average.....	42.8	39.5	59.8	40.6	41.5	40.3	43.2	42.4	30.9	28.9	43.0	
participate in student protests..	6.0	4.8	10.5	4.4	7.1	9.3	4.3	5.3	1.6	1.7	0.4	
play varsity athletics.....	17.3	12.3	16.2	18.8	21.0	21.7	15.0	23.5	15.3	15.1	15.9	
transfer to another college.....	10.3	8.8	3.4	14.9	9.3	7.7	7.9	12.8	10.9	10.6	13.0	
work at outside job.....	17.6	18.5	14.7	18.3	17.1	14.1	27.6	15.6	24.9	27.5	8.4	
work full-time while attending..	2.4	1.9	1.3	2.8	3.0	1.7	7.5	2.3	2.6	2.7	1.8	
Events Occurring by 1989												
elected to student office.....	21.0	16.0	24.6	19.5	26.4	28.3	20.0	27.4	12.7	11.3	22.5	
satisfied with freshman coll (5)	77.7	78.1	80.1	76.7	77.6	80.6	72.8	75.6	70.8	70.8	71.2	
changed career choice (5).....	57.9	59.0	55.9	60.3	54.9	59.5	47.6	52.2	54.2	53.7	57.5	
changed major field (5).....	51.5	53.4	51.4	50.2	51.1	52.9	44.9	52.2	54.2	56.4	41.9	
dropped out permanently (5)....	8.6	7.0	3.4	13.1	6.7	8.2	4.8	5.6	17.5	19.2	6.8	
dropped out temporarily (5)....	6.1	6.0	4.1	6.6	6.2	7.0	6.9	4.4	10.1	10.2	10.1	
got part-time job on campus....	51.4	47.0	63.7	44.3	59.5	59.6	52.2	63.9	30.3	27.6	46.6	
got married.....	7.3	5.8	2.6	10.7	6.5	4.3	3.6	11.6	8.2	6.7	18.4	
graduated with honors.....	17.3	13.5	27.5	15.5	19.5	19.5	19.1	19.6	13.1	12.9	14.2	
joined social frat or sorority..	28.0	33.5	32.8	24.0	25.2	26.1	13.6	30.8	10.3	10.1	12.1	
made at least "B" average (5)...	66.1	62.9	82.0	60.5	69.8	66.9	73.3	72.3	51.4	52.5	44.4	
participated in student protests	18.8	13.2	25.7	16.6	24.3	32.2	16.2	17.0	7.8	7.5	9.8	
played intercollegiate athletics	28.7	21.4	27.2	32.2	32.4	34.8	25.8	32.8	24.1	22.2	37.2	
transferred before grad (5)....	17.0	18.6	13.9	11.9	22.7	20.2	25.1	25.2	17.7	17.1	21.5	
worked part-time job off-campus..	65.7	69.3	61.9	67.0	62.1	57.5	75.9	60.8	55.4	53.7	66.7	
worked full-time while student..	15.9	14.2	8.4	19.0	16.9	14.3	27.9	14.4	21.7	21.8	21.0	
Other College Activities												
assisted faculty teaching class..	13.8	9.4	14.5	12.8	19.4	21.2	11.2	21.3	9.8	10.0	8.3	
attended racial awareness wkshop	22.6	16.1	27.3	21.4	29.0	31.5	26.0	27.0	11.5	11.1	14.4	
enrolled in ethnic stud course..	29.7	26.9	34.8	26.6	34.3	36.1	32.3	32.8	10.1	9.8	12.7	
enrolled in honors program.....	41.5	35.8	57.2	39.1	44.2	44.8	37.3	47.4	19.8	19.0	25.0	
enrolled in interdisc course....	45.0	41.5	65.3	40.8	45.7	46.7	33.9	51.4	19.9	19.4	23.5	
enrolled in women's stud course..	16.1	14.9	23.7	13.1	18.1	22.4	13.9	14.0	6.7	6.0	11.8	
in college internship program...	30.6	25.4	31.6	33.5	32.1	30.1	32.8	34.7	14.9	14.3	19.4	
in study abroad program.....	10.0	6.1	18.5	6.1	15.2	16.0	8.7	18.0	3.1	3.0	3.3	
played intercoll foot/basketball	8.3	5.1	5.5	11.9	8.3	8.5	6.1	9.4	4.0	2.7	12.7	
purchased a personal computer...	17.1	14.3	28.8	15.8	17.0	21.5	12.8	12.6	14.8	13.1	27.2	
taken reading study/skills class	24.2	18.1	11.3	32.0	26.3	30.7	21.5	22.4	23.2	22.2	30.9	
taken remedial/develop course...	12.1	7.9	3.6	17.5	13.3	16.8	9.6	10.0	18.4	19.8	8.5	
voted in 1988 election.....	69.2	69.8	76.1	68.7	66.7	66.0	63.6	69.5	71.3	72.9	60.2	
worked on prof's research proj...	18.7	18.3	31.1	16.0	17.5	19.4	14.6	16.3	11.4	11.8	8.5	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Activities in the Past Year Reported in 1985												
attended recital or concert.....	81.8	83.3	84.2	79.6	82.1	80.4	81.3	85.3		70.3	67.5	88.1
drank beer.....	66.0	75.4	67.4	64.3	58.0	59.6	63.0	52.5		62.2	62.1	62.4
felt depressed (6).....	9.7	9.3	7.7	8.8	12.0	11.6	12.5	12.3		6.0	6.0	6.0
felt overwhelmed (6).....	21.5	20.3	22.8	21.2	22.5	23.8	23.2	19.9		13.0	13.5	9.6
missed school due to illness (6)	4.2	2.6	3.1	5.6	4.6	4.1	5.9	4.7		7.9	8.3	5.6
smoked cigarettes (6).....	7.2	6.1	3.8	11.2	4.8	4.6	7.6	3.3		19.2	21.1	7.7
stayed up all night.....	75.4	78.5	72.3	73.5	75.8	75.5	80.4	73.5		71.5	71.6	71.1
tutored another student.....	49.6	49.3	69.3	44.8	47.7	47.5	47.5	48.1		36.8	36.2	40.8
was guest in teacher's home.....	35.6	31.8	40.5	36.4	36.6	37.3	26.1	41.8		24.5	22.5	36.7
Activities in the Past Year Reported in 1989												
attended recital or concert.....	73.5	71.8	79.6	71.3	75.4	75.4	68.7	79.3		55.0	51.6	76.4
didn't complete homework on time	53.2	49.0	52.5	55.6	54.8	56.1	56.2	52.1		49.0	48.1	54.8
discuss course content w/std (6)	53.0	49.1	63.0	52.6	53.7	56.0	48.1	53.7		39.5	39.0	42.2
discuss political/soc issues (6)	36.0	32.4	49.1	32.7	38.5	40.4	34.9	37.7		18.2	17.5	22.7
discuss racial/ethnic issues (6)	12.8	9.2	16.0	11.6	16.8	17.0	18.9	15.3		6.5	5.7	11.8
drank beer.....	75.0	83.2	79.5	71.9	68.1	73.3	69.3	59.5		71.9	71.7	73.3
drank wine or liquor.....	77.3	82.7	82.6	73.7	74.0	75.7	79.0	68.2		72.2	71.4	77.5
felt depressed (6).....	16.0	13.5	12.2	19.9	15.4	17.6	12.5	13.9		12.6	12.3	14.2
felt like leaving college.....	38.0	32.9	22.6	49.8	35.4	37.3	28.8	36.6		45.6	45.0	49.4
felt overwhelmed (6).....	35.0	31.8	29.4	38.0	37.2	38.3	37.9	35.1		33.1	35.0	21.2
gave a presentation in class (6)	20.9	19.9	14.1	22.9	22.3	23.9	24.3	18.8		14.0	14.1	13.4
missed class due to illness (6)	2.2	2.1	2.4	2.2	2.3	2.9	2.4	1.4		1.7	1.3	4.2
paper critiqued by instructor(6)	37.4	33.9	43.1	33.7	43.0	45.2	37.7	42.7		25.6	25.7	25.1
participated in intramural sport	45.4	44.2	52.8	44.1	45.3	48.8	34.3	46.6		31.6	31.4	33.1
read the student newspaper (6)..	59.3	63.0	71.3	55.1	55.7	58.6	46.0	57.2		43.3	44.2	37.4
received personal counseling....	13.9	10.3	13.8	15.0	16.6	18.2	14.9	15.1		7.3	6.8	10.5
received tutoring in courses....	23.3	18.0	17.7	29.1	24.0	26.5	27.1	18.3		23.2	23.3	23.0
received vocational counseling..	55.9	57.1	60.3	50.0	59.7	62.0	55.0	59.2		41.6	39.7	53.7
smoked cigarettes (6).....	8.3	5.5	6.9	10.4	9.3	10.1	9.0	8.1		15.0	15.9	9.1
social with diff ethnic grp (6).	40.3	34.9	52.3	39.4	42.2	44.3	46.7	36.3		38.0	38.4	35.1
stayed up all night.....	67.2	64.5	64.0	70.0	68.1	72.1	69.5	61.1		68.8	70.3	59.2
took a multiple-choice exam (6).	53.4	61.5	31.5	58.2	48.2	44.2	53.4	51.1		49.9	48.9	56.7
took an essay exam (6).....	45.9	41.7	55.5	39.5	54.2	51.8	59.9	54.3		32.4	30.9	41.5
took pt in campus demonstration.	15.7	11.1	21.3	14.7	19.4	25.2	11.9	15.0		4.0	3.7	5.9
tutored another student.....	53.5	48.7	54.1	54.8	56.7	55.1	62.9	55.5		39.0	40.3	31.0
was guest in professor's home...	28.8	18.4	28.2	28.7	40.0	44.8	18.4	45.8		18.1	17.8	19.9
worked on grp proj for class (6)	34.1	32.6	30.5	41.1	28.8	26.4	37.4	27.1		24.9	25.8	19.6
worked on ind research project..	53.2	48.3	55.4	54.8	55.4	57.5	49.9	55.5		42.8	42.5	44.2

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ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv	
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Student Rated Self Above Average or Highest 10% in 1985												
academic ability.....	66.2	70.9	90.6	57.5	62.2	59.5	65.0	64.6	32.4	30.9	41.5	
artistic ability.....	24.2	26.7	33.2	20.7	22.4	25.6	17.5	20.3	21.0	21.1	21.0	
drive to achieve.....	68.0	70.4	82.9	63.2	65.3	64.3	65.5	66.8	54.6	55.4	49.4	
emotional health.....	63.9	66.6	68.1	62.8	60.8	59.1	62.2	62.7	51.5	52.5	44.9	
leadership ability.....	57.9	56.8	66.4	57.6	55.9	56.1	52.4	57.8	37.8	37.2	41.5	
mathematical ability.....	45.4	48.5	65.6	37.9	43.2	42.5	46.7	42.1	30.4	31.9	20.9	
physical health.....	63.5	67.6	67.1	60.7	61.3	62.1	65.5	57.6	50.6	49.2	59.7	
popularity.....	47.0	47.9	48.6	49.2	42.8	44.1	41.1	41.8	31.6	33.1	21.8	
self-confidence (intellectual)...	61.8	60.5	73.9	62.4	57.5	57.2	57.9	57.7	46.2	47.2	40.0	
self-confidence (social).....	50.0	46.4	50.8	55.4	46.9	49.4	45.2	44.2	47.9	50.2	31.9	
writing ability.....	46.8	49.8	60.3	40.7	45.5	46.0	46.6	44.0	25.4	24.1	33.7	
in 1989												
academic ability.....	73.6	73.1	89.5	69.5	72.6	72.1	67.5	76.4	48.7	50.6	36.9	
artistic ability.....	29.9	28.1	38.0	26.4	32.5	36.1	30.8	28.0	25.9	25.5	28.4	
drive to achieve.....	70.7	70.6	80.3	67.9	70.4	71.2	69.2	69.9	58.7	57.3	67.4	
emotional health.....	57.8	52.7	62.5	59.4	59.4	57.4	60.7	61.5	54.4	53.0	63.3	
leadership ability.....	63.3	59.2	71.0	64.1	63.6	65.3	66.7	59.0	48.7	48.0	52.6	
mathematical ability.....	44.0	43.4	59.3	41.2	41.6	40.8	47.5	39.2	38.5	41.4	20.2	
physical health.....	58.5	60.1	60.4	60.3	54.2	51.6	56.6	56.6	45.4	43.0	60.3	
popularity.....	49.2	48.1	51.4	50.6	47.8	48.6	52.7	43.5	39.8	38.6	47.6	
self-confidence (intellectual)...	66.8	66.7	77.3	63.9	66.1	65.3	68.9	65.7	58.7	60.6	46.9	
self-confidence (social).....	54.7	53.2	53.3	56.2	55.1	53.2	59.9	54.9	52.9	53.7	47.7	
writing ability.....	55.7	59.1	70.5	47.4	56.1	55.8	58.1	55.4	32.0	32.5	28.7	
listening ability.....	72.3	72.5	77.3	68.5	74.3	72.6	78.6	74.4	60.8	60.6	62.5	
Students Reporting Much Stronger Abilities and Skills in 1989												
general knowledge.....	49.3	44.1	52.4	53.8	48.3	45.1	54.0	49.7	35.0	31.4	58.0	
problem-solving skills.....	32.5	28.0	39.1	33.2	33.8	34.0	36.6	31.8	23.3	22.1	30.9	
knowledge of particular field...	60.5	57.6	66.5	60.3	61.3	58.8	63.9	63.7	48.6	48.1	52.1	
critical thinking ability.....	38.8	29.9	45.3	43.0	40.3	39.6	39.0	42.1	32.9	32.9	33.2	
writing skills.....	27.6	22.5	26.5	32.5	27.6	28.2	29.4	25.6	14.1	13.5	17.7	
foreign language ability.....	8.1	6.5	12.8	6.1	10.2	7.7	15.5	10.8	3.4	3.3	3.9	
job-related skills.....	32.5	30.5	29.7	37.1	30.2	30.3	35.4	26.9	28.8	28.9	28.0	
religious beliefs & convictions...	10.7	4.9	10.7	12.9	14.1	11.9	14.1	17.5	10.2	10.8	6.5	
interest in grad/prof school....	31.3	25.7	33.3	32.1	35.2	31.9	37.4	38.8	22.4	22.1	24.6	
preparation for grad/prof school	22.7	18.1	34.4	21.3	24.5	23.6	23.2	26.7	14.5	14.1	16.6	
leadership abilities.....	30.0	23.1	28.6	36.2	30.3	29.6	30.9	31.1	19.5	18.6	25.2	
ability to work independently...	38.3	34.4	37.1	40.2	40.6	40.3	43.3	39.5	41.1	38.1	60.5	
interpersonal skills.....	37.1	34.0	36.5	40.0	37.0	40.0	36.0	33.1	32.3	31.6	36.7	
cultural awareness.....	35.1	30.6	37.9	34.0	39.9	39.6	42.9	38.6	25.1	24.9	26.5	
acceptance of dif races/cultures	26.7	23.5	28.7	27.3	28.6	27.2	31.8	28.8	27.2	25.8	36.4	
competitiveness.....	21.3	17.1	15.4	29.2	18.7	18.9	21.3	16.8	20.5	21.4	14.8	
confidence in academic abilities	27.2	25.2	23.2	30.6	26.9	26.9	29.1	25.5	23.9	23.4	26.7	
public speaking ability.....	24.6	20.7	18.5	31.6	22.9	23.6	25.9	20.0	19.2	17.9	27.5	
ability to work cooperatively...	23.8	19.1	21.4	28.6	23.9	22.2	30.9	22.2	30.0	30.0	30.1	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
LIVING ARRANGEMENTS											
Preferred for Fall 1985											
with parents or relatives.....	11.8	8.3	6.4	15.9	13.0	14.2	16.3	9.1	24.6	27.0	11.0
other private home,apt,room.....	21.8	25.2	13.1	22.5	21.1	21.6	24.2	18.5	30.9	32.1	24.4
college dormitory.....	53.5	46.8	71.7	51.0	55.7	54.6	48.3	61.7	28.8	24.2	53.9
fraternity or sorority house....	7.1	12.7	4.7	4.8	5.2	5.6	3.0	5.8	9.8	10.0	9.1
other campus housing.....	4.8	5.5	3.6	5.1	4.2	2.7	7.3	4.6	2.8	3.1	1.1
other.....	1.0	1.5	0.6	0.8	0.9	1.3	0.9	0.3	3.1	3.6	0.5
Planned for Fall 1985											
with parents or relatives.....	16.5	15.0	8.6	24.4	12.4	10.9	22.9	8.3	42.9	46.4	20.8
other private home,apt,room.....	2.7	3.3	1.1	3.6	1.9	0.8	7.5	0.0	14.2	16.1	2.0
college dormitory.....	78.4	78.5	87.5	69.5	84.6	86.9	68.6	90.9	37.6	32.9	66.6
fraternity or sorority house....	0.6	1.4	0.3	0.2	0.2	0.4	0.0	0.1	0.3	0.4	0.0
other campus housing.....	1.4	1.5	2.3	1.5	0.8	0.8	0.8	0.8	3.7	2.6	10.6
other.....	0.4	0.3	0.2	0.9	0.1	0.1	0.3	0.0	1.4	1.6	0.0
First Year											
with parents or relatives.....	17.2	13.0	8.1	27.5	13.3	10.7	28.8	7.8	44.2	47.4	25.0
other private home,apt,room.....	2.5	5.7	1.2	1.3	1.0	1.2	1.9	0.0	11.6	13.4	0.6
college dormitory.....	77.7	77.9	87.7	68.2	84.6	86.6	68.3	91.3	37.1	31.0	74.4
frat or sorority house.....	0.9	2.3	0.6	0.3	0.2	0.3	0.0	0.1	0.0	0.0	0.0
other campus student housing....	1.2	0.4	2.1	1.8	0.9	1.1	0.9	0.8	1.7	2.0	0.0
other.....	0.5	0.7	0.2	0.9	0.1	0.1	0.1	0.0	5.4	6.3	0.0
Second Year											
with parents or relatives.....	19.8	15.8	11.4	27.1	18.6	15.4	35.3	13.5	39.3	37.4	50.5
other private home,apt,room.....	15.4	23.3	12.2	13.8	10.5	11.1	15.8	6.2	19.8	22.0	6.6
college dormitory.....	54.8	47.7	66.0	50.9	61.9	63.2	39.5	73.8	33.1	31.8	41.0
frat or sorority house.....	4.9	9.6	5.1	1.6	4.0	5.2	0.8	4.0	0.2	0.2	0.0
other campus student housing....	4.2	3.0	5.1	4.5	4.5	4.4	8.1	2.4	1.9	2.0	1.2
other.....	1.0	0.5	0.3	2.1	0.5	0.8	0.5	0.2	5.8	6.6	0.7
Third Year											
with parents or relatives.....	19.2	16.0	11.1	26.0	18.4	15.2	34.9	12.9	28.1	28.2	27.8
other private home,apt,room.....	33.0	44.5	30.3	31.9	23.3	24.7	24.8	20.4	42.2	42.6	40.1
college dormitory.....	31.7	21.6	41.3	28.5	41.7	40.2	26.7	53.0	22.8	22.4	25.4
frat or sorority house.....	6.4	11.7	9.2	1.9	4.8	5.9	0.9	5.6	1.2	1.5	0.0
other campus student housing....	6.9	3.5	6.4	7.8	9.6	11.0	11.2	6.7	3.5	3.5	3.2
other.....	2.8	2.7	1.6	3.9	2.2	3.1	1.4	1.5	2.1	1.9	3.5
Fourth Year											
with parents or relatives.....	20.2	18.0	12.7	27.3	18.1	14.6	35.4	13.1	25.8	22.9	39.3
other private home,apt,room.....	42.5	55.9	40.8	38.6	33.3	33.1	29.5	35.8	46.4	51.3	23.1
college dormitory.....	22.9	12.2	34.2	21.4	31.0	31.8	20.5	36.1	18.1	16.4	26.0
frat or sorority house.....	5.3	7.5	5.3	3.5	4.9	6.2	1.4	5.1	2.8	3.1	0.9
other campus student housing....	6.2	3.9	5.9	5.4	9.8	10.1	11.8	8.1	1.9	1.7	3.0
other.....	2.8	2.4	1.1	3.8	2.9	4.3	1.5	1.8	5.1	4.6	7.6

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
College Attributes Noted as Very Descriptive												
easy to see fac outside off hrs.	34.0	17.7	31.1	31.0	55.6	52.4	53.6	61.8		29.7	26.0	52.5
great conformity among students.	26.2	19.1	34.7	25.7	30.7	26.2	39.7	32.5		21.8	21.7	22.6
most students very bright.....	29.7	20.1	62.8	23.3	34.1	38.0	28.4	31.5		16.7	14.9	28.1
admin open about policies.....	16.0	11.4	11.5	19.6	18.2	17.5	13.9	21.8		22.0	19.7	36.5
keen competition for grades.....	26.7	21.6	49.0	26.2	23.7	24.5	22.4	23.1		17.7	16.3	26.3
courses more theoret than prac..	24.6	28.4	30.4	24.0	19.1	21.3	18.8	15.9		16.8	18.3	7.2
fac rewarded for advising skills	8.6	7.2	3.7	9.9	10.5	10.8	11.1	9.7		5.1	4.2	11.0
little std contact out of class.	5.4	6.4	3.4	7.4	2.9	3.4	2.8	2.1		8.0	7.9	8.4
faculty at odds with admin.....	6.8	5.7	4.9	9.1	6.0	7.4	4.0	5.0		1.6	1.2	3.7
intercoll sports overemphasized.	15.7	24.3	10.7	16.9	7.1	6.4	5.4	9.2		8.2	7.9	9.6
classes usually informal.....	31.5	31.9	20.2	31.8	35.2	37.7	30.9	33.8		33.5	32.8	38.2
faculty respect each other.....	42.6	34.1	46.1	37.9	55.7	50.2	55.9	64.1		43.8	42.2	54.6
most stdnts treated like numbers	16.6	35.2	8.9	14.7	2.5	3.4	1.6	1.8		16.3	17.6	8.3
social activities overemphasized	8.6	12.0	8.1	8.2	5.9	6.6	4.3	5.7		3.7	3.0	8.3
little contact between students.	6.3	7.9	4.9	9.0	2.0	2.9	2.2	0.7		9.3	10.1	4.3
student body apathetic.....	17.0	11.6	25.7	18.2	17.6	21.5	14.9	13.3		14.8	14.9	13.9
stdnts don't socialize regularly	3.1	1.5	1.7	6.3	1.4	1.8	2.1	0.4		4.8	5.5	0.0
fac rewarded for good teaching..	15.9	11.0	14.6	15.0	22.5	21.0	21.5	25.3		17.4	17.3	18.5
Plans for Fall 1989												
attend college full-time.....	37.3	45.7	21.2	42.0	29.5	27.7	35.0	28.8		31.6	29.9	42.3
attend college part-time.....	6.4	6.2	3.4	7.3	6.5	5.9	7.3	6.9		11.3	11.0	13.3
attend graduate school.....	12.3	8.3	28.4	7.4	15.9	13.5	15.7	19.6		5.0	5.2	4.0
attend vocational program.....	0.7	0.4	0.3	0.9	1.0	1.1	0.4	1.2		5.5	6.2	0.7
work full-time.....	48.1	41.0	48.2	49.3	53.8	53.0	56.9	53.1		52.4	52.5	51.9
work part-time.....	26.3	31.5	14.6	29.2	22.2	23.5	20.4	21.0		20.2	19.1	27.6
serve in Armed Forces.....	3.9	1.4	1.2	7.9	2.7	4.4	0.6	1.1		1.5	1.4	2.1
travel.....	5.2	4.6	6.4	4.8	5.8	7.0	4.0	5.1		5.4	6.1	0.8
do volunteer work.....	8.4	7.0	8.2	8.4	10.0	9.1	8.9	12.2		3.3	3.3	3.1
stay at home.....	5.1	5.2	3.2	5.3	5.5	4.8	2.9	8.0		13.7	15.2	4.7
Permission to Use I.D. in 1985												
yes.....	81.5	81.1	80.6	85.5	77.9	75.2	78.0	82.6		86.1	86.1	86.5
no.....	18.5	18.9	19.4	14.5	22.1	24.8	22.0	17.4		13.9	13.9	13.5
Permission to Use I.D. in 1989												
yes.....	73.5	74.6	76.8	71.3	73.5	73.1	69.7	76.5		65.7	64.9	70.8
no.....	26.5	25.4	23.2	28.7	26.5	26.9	30.3	23.5		34.3	35.1	29.2

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Personal Objectives Noted as Very Important or Essential in 1985												
achieve in a performing art.....	11.9	10.5	15.3	9.9	14.0	15.5	10.0	13.9		6.1	5.9	7.5
be expert on finance/commerce...	26.7	26.3	25.1	29.1	25.0	24.0	32.6	22.1		22.0	19.3	37.2
be involved in environ cleanup...	20.6	18.6	15.8	23.1	21.7	23.6	17.8	21.2		17.6	16.1	26.4
be successful in own business...	51.0	53.5	44.9	50.9	51.2	51.5	55.7	48.0		55.1	52.4	70.7
be very well off financially....	69.3	70.5	63.7	72.5	66.7	68.2	70.0	62.3		70.9	71.2	69.3
become authority in my field....	75.1	77.0	73.0	75.0	74.2	76.7	76.4	68.9		73.3	71.8	82.0
create artistic work.....	10.4	11.4	11.8	7.5	12.0	14.6	9.7	9.4		11.8	12.4	8.3
develop philosophy of life.....	47.9	47.4	54.0	47.7	46.1	44.6	47.1	47.6		33.8	32.4	41.9
have admin responsibility.....	42.8	42.8	39.2	47.5	39.1	36.9	45.0	39.0		38.8	36.0	55.0
help others in difficulty.....	65.2	61.6	65.5	65.4	68.5	64.0	74.7	71.9		56.6	55.5	62.6
influence political structure...	18.9	15.4	17.9	23.3	17.9	19.7	16.1	16.0		12.2	13.2	6.2
influence social values.....	35.8	32.2	29.9	39.1	38.0	34.7	48.7	36.6		28.6	30.2	19.5
obtain recog from colleagues....	57.9	59.9	58.2	56.6	57.3	59.6	63.7	49.9		61.0	62.3	53.1
participate in community action.	27.4	28.0	25.3	29.2	25.6	25.9	24.9	25.4		20.4	20.4	20.8
promote racial understanding....	35.3	28.9	33.4	37.8	39.5	41.4	42.6	34.9		26.8	26.4	28.9
raise a family.....	70.5	70.0	74.0	71.7	68.2	67.3	70.1	68.5		69.0	68.8	70.0
theoretical contrib to science..	15.1	15.8	19.0	14.2	13.9	15.3	12.8	12.4		9.9	10.3	7.4
write original works.....	13.4	12.7	16.5	12.4	14.0	16.6	8.5	13.2		6.7	6.7	7.1
in 1989												
achieve in a performing art.....	9.9	8.9	11.5	10.3	9.8	10.5	7.5	10.0		5.8	5.7	6.9
be expert on finance/commerce...	22.5	22.6	18.6	23.7	22.4	24.2	26.9	17.0		20.2	20.1	20.6
be involved in environ cleanup...	34.9	34.7	34.1	35.2	35.0	39.5	27.6	32.6		31.3	29.8	41.2
be successful in own business...	43.2	44.1	35.9	44.5	43.7	47.5	49.0	34.5		43.1	42.5	46.9
be very well off financially....	62.2	62.9	53.5	68.0	58.1	57.5	66.9	53.6		70.7	70.6	71.4
become authority in my field....	72.3	72.5	65.7	75.7	70.6	70.8	73.6	68.4		65.8	67.0	58.3
create artistic work.....	13.9	13.3	14.7	12.7	15.8	18.3	11.7	14.3		13.7	12.2	23.3
develop philosophy of life.....	55.8	52.2	62.6	54.9	57.8	57.8	56.6	58.5		46.6	45.9	51.2
have admin responsibility.....	50.8	50.2	39.2	57.6	47.9	48.0	58.5	41.4		46.6	45.9	51.2
help others in difficulty.....	71.6	67.2	70.5	73.5	74.4	72.4	75.4	77.1		70.4	71.7	62.7
influence political structure...	23.7	20.0	26.1	26.4	23.4	24.3	25.8	20.5		16.0	16.1	15.4
influence social values.....	50.4	48.7	49.1	52.3	50.5	48.0	52.2	53.4		41.8	42.4	38.5
obtain recog from colleagues....	56.3	57.6	54.0	58.2	53.5	54.1	59.2	49.1		49.0	47.0	61.3
participate in community action.	34.9	32.1	35.0	37.1	35.2	37.9	29.1	34.6		23.1	21.8	31.5
promote racial understanding....	39.4	34.6	42.7	40.3	41.8	42.8	40.1	41.2		34.3	35.0	29.8
raise a family.....	72.4	70.5	72.6	74.5	71.7	71.6	75.3	69.7		75.0	75.8	69.5
theoretical contrib to science..	14.9	14.6	15.6	17.4	12.0	10.6	13.4	13.4		13.3	13.5	11.9
write original works.....	16.8	15.7	19.8	16.1	17.5	19.9	14.2	15.7		13.6	13.8	12.4

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Political Orientation in 1985											
far left.....	2.3	1.5	2.0	2.7	2.7	4.7	1.1	0.8	1.3	1.3	1.1
liberal.....	23.8	22.7	27.1	23.9	23.3	24.2	26.5	20.0	17.4	16.0	26.8
middle of the road.....	50.5	53.6	45.3	52.1	47.5	45.3	46.9	51.3	63.0	64.3	54.3
conservative.....	22.4	20.7	24.2	20.8	25.2	24.3	25.1	26.6	17.0	16.9	17.8
far right.....	1.1	1.3	1.4	0.5	1.2	1.5	0.3	1.3	1.4	1.6	0.0
Political Orientation in 1989											
far left.....	2.4	1.8	2.7	3.3	1.7	1.8	0.9	2.0	1.2	1.1	1.2
liberal.....	27.5	26.5	32.8	25.2	29.1	33.8	25.4	24.2	18.2	15.7	33.9
middle of the road.....	42.6	44.0	36.2	44.6	41.2	38.7	44.2	43.1	52.3	54.6	38.0
conservative.....	26.8	27.1	27.3	26.2	26.8	24.5	28.9	28.9	26.8	27.0	25.5
far right.....	0.8	0.5	1.0	0.6	1.3	1.2	0.5	1.8	1.6	1.6	1.5
Agrees Strongly/Somewhat in 1985											
abolish death penalty.....	27.9	28.1	29.1	27.7	27.6	26.2	30.0	28.4	22.7	22.5	24.2
abortion should be legalized....	55.1	58.0	56.9	54.3	52.4	58.2	50.2	44.6	55.0	54.9	55.8
busing OK to achieve balance....	50.7	49.9	45.6	49.9	54.4	55.1	54.3	53.5	62.9	64.0	55.9
college ban extreme speakers....	21.3	18.4	19.7	22.5	23.4	26.3	18.7	21.8	32.8	33.6	27.9
college raises earning power....	64.9	67.0	54.1	68.2	63.4	63.3	56.9	67.3	81.6	81.7	81.4
college regulate off-campus acts	10.1	8.3	8.9	9.2	13.3	15.3	8.9	13.0	15.5	15.6	14.7
equal opportunity for women....	92.2	92.7	94.7	90.3	92.7	92.2	93.0	93.5	91.3	91.5	89.9
gov't not controlling pollution...	79.0	78.2	81.6	77.8	80.2	79.9	83.8	78.6	81.0	81.6	77.3
gov't not promoting disarmament.	66.3	59.5	73.8	67.0	69.3	66.3	73.3	71.5	62.3	62.6	60.2
high school grading too easy....	50.5	50.5	58.7	46.3	51.9	50.0	49.2	56.5	47.7	48.2	44.0
ind can do little to change soc.	32.8	29.5	31.5	36.2	32.7	37.3	28.0	28.4	52.1	53.2	45.3
marijuana should be legalized...	20.5	22.7	19.1	21.5	17.8	19.8	16.5	15.6	19.5	20.7	12.0
married women best at home.....	19.9	20.0	14.3	21.7	19.9	19.9	19.5	20.3	24.0	23.8	25.0
national health care plan needed	56.9	54.3	48.2	62.6	56.4	56.1	61.2	53.9	70.5	71.6	63.2
raise taxes to reduce deficit...	24.2	26.4	28.7	23.5	21.1	24.8	14.9	19.3	22.8	23.9	15.7
wealthy should pay more taxes...	72.2	69.1	70.0	75.4	72.6	71.9	71.3	74.4	78.2	79.8	68.5
Agrees Strongly/Somewhat in 1989											
abolish death penalty.....	25.2	22.3	35.0	23.0	26.7	27.0	24.9	27.4	19.7	20.6	13.9
abortion should be legalized....	72.7	75.3	72.4	73.5	69.2	75.9	64.7	61.6	60.4	59.3	67.3
busing OK to achieve balance....	46.5	46.8	49.3	45.1	46.8	48.5	45.9	44.7	50.0	50.8	44.6
coll ban extreme speakers.....	17.1	15.0	11.4	20.9	16.9	14.7	10.9	23.8	17.2	17.8	13.9
coll involvement in social pgms.	78.5	79.2	82.4	75.8	79.3	81.1	77.2	77.7	72.6	74.9	58.3
coll regulate off-campus acts...	10.5	6.1	9.2	13.7	11.8	9.2	10.6	16.4	12.3	13.2	6.4
college raises earning power....	47.9	52.2	30.9	55.2	41.6	43.9	40.0	38.9	63.2	66.6	41.5
control AIDS w/mandatory testing	37.1	34.9	27.6	43.3	35.7	37.9	37.5	31.3	50.1	51.0	44.5
equal opportunity for women....	95.9	96.7	98.2	93.7	96.8	95.9	97.9	97.4	95.8	96.6	90.6
gov't not controlling pollution...	87.4	86.6	92.1	84.6	89.7	88.8	86.3	93.1	90.7	90.3	93.3
gov't not promoting disarmament.	64.8	60.1	68.6	65.6	67.1	67.0	67.1	67.3	68.7	67.5	76.4
grading in college too easy....	31.0	26.2	37.7	31.8	32.2	33.5	31.6	30.6	22.4	22.1	24.5
ind can do little to change soc.	31.1	32.3	30.7	31.4	29.8	29.4	29.5	30.6	39.4	41.6	25.3
man not entitled to sex on date.	94.3	94.4	95.0	94.3	93.7	93.7	96.4	92.1	94.4	95.5	87.8
marijuana should be legalized...	19.5	23.8	22.5	15.6	18.3	21.4	12.2	17.4	13.4	12.7	17.8
married women best at home.....	11.5	9.3	7.0	17.5	8.4	8.4	7.0	9.2	12.0	10.1	24.1
national health care plan needed	65.7	64.0	63.7	67.2	66.5	69.3	66.7	62.2	69.6	70.5	63.7
racial discrim no longer problem	12.0	10.7	8.9	15.4	10.6	10.7	8.1	12.0	15.1	14.1	21.5
raise taxes to reduce deficit...	29.3	30.1	39.3	27.4	26.9	26.3	21.9	30.7	26.6	24.6	39.8
wealthy should pay more taxes...	71.5	70.0	67.0	74.7	70.9	71.0	64.7	74.5	82.9	85.8	64.5

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Agrees Strongly or Somewhat											
a lot of racial conflict here...	24.5	34.3	34.0	20.5	15.6	16.5	12.1	16.3	20.8	21.0	19.6
admin care little about students	33.3	41.0	29.7	35.9	23.3	25.7	24.0	19.5	23.1	23.5	20.7
admin considers faculty concerns	66.9	68.3	69.2	61.5	71.1	67.5	73.4	75.2	63.7	63.0	67.9
admin considers student concerns	46.8	48.7	43.6	43.1	50.3	46.9	56.7	51.8	49.0	47.7	56.9
courses incl feminist perspective	42.3	45.1	40.4	41.4	41.4	43.9	42.3	37.0	29.5	27.3	42.8
courses incl minority perspective	47.2	46.3	40.6	49.4	47.9	50.2	43.2	47.3	38.2	36.8	46.9
curriculum over-specialized....	23.6	29.3	31.4	21.6	17.1	17.0	19.7	15.6	24.3	26.1	13.3
ethnic groups communicate well...	67.9	61.2	58.6	68.7	77.6	76.9	82.4	75.7	65.6	62.0	88.1
fac committed to welfare of coll	70.9	65.9	71.8	67.5	79.9	78.7	76.6	84.0	69.9	66.5	91.3
fac feels students well-prepared	67.4	60.4	82.9	63.8	72.9	67.4	72.0	81.9	56.5	52.7	80.6
fac interested in acad problems.	68.5	60.4	68.0	64.3	82.3	80.8	77.7	87.4	64.4	63.6	70.0
fac interested in student probs.	57.7	43.6	56.6	53.8	77.3	72.2	75.4	86.2	52.1	48.1	77.5
fac positive about gen ed pgm ..	85.0	83.3	89.5	80.9	89.8	88.1	90.4	92.1	83.9	81.8	97.3
fac sensitive to minority issues	66.8	60.6	65.1	64.6	76.5	75.9	70.0	81.3	52.4	49.5	70.2
low trust btwn minorities/admin.	31.1	35.9	39.2	34.1	19.5	21.3	15.6	19.0	25.5	28.2	8.8
many students don't "fit in"....	36.2	38.2	38.1	37.5	31.9	31.6	30.9	33.1	32.9	31.8	40.2
oppty for fac/stdnt socializing.	48.9	36.0	42.8	48.3	65.5	63.4	62.9	70.3	52.1	50.3	63.2
students resent required courses	58.6	64.4	46.0	63.3	52.0	53.4	49.8	51.1	51.0	51.0	50.9
Objectives Rated as High or Highest Priorities for College											
allow airing of diff opinions...	46.3	50.2	40.0	45.7	45.2	47.8	39.3	44.8	45.4	45.0	48.1
conduct basic & applied research	51.5	65.0	66.3	48.8	34.8	34.8	41.6	30.7	49.0	50.6	38.7
create multi-cultural environ...	41.9	43.1	40.1	42.1	41.0	41.8	45.4	37.1	39.2	39.3	38.7
create positive undergrad exp...	68.4	60.7	70.2	67.0	77.4	76.7	78.2	78.0	64.9	64.2	69.3
devel apprec of multi-cultul soc	41.0	35.8	40.1	42.2	45.4	45.8	45.4	44.8	35.6	35.3	37.9
devel community among fac/stdnts	39.2	25.3	38.8	37.9	55.5	50.6	61.0	59.8	41.8	41.0	47.1
devel leadership ability in fac.	36.0	32.0	33.1	39.6	36.9	33.4	41.5	39.6	31.6	32.4	26.0
devel leadership abil in stdnts.	54.1	46.5	51.4	57.4	59.1	57.6	66.7	56.9	47.2	45.7	56.7
economize and cut costs.....	38.6	43.0	30.3	45.0	29.8	31.0	32.8	26.0	31.2	33.5	17.5
enhance inst's national image...	70.7	75.0	84.2	66.6	65.9	74.7	58.1	57.0	43.9	46.1	30.3
facilitate comm svcs involvement	32.8	25.5	36.3	34.5	37.1	34.0	41.9	39.0	29.0	27.3	39.9
help solve soc/eviron problems..	29.9	27.6	22.4	34.9	29.2	28.5	33.3	27.6	31.7	32.9	24.6
help students understand values.	50.0	39.6	54.1	44.8	65.3	62.6	69.0	67.4	41.8	37.4	69.6
hire faculty "stars".....	21.8	26.5	36.7	19.3	13.8	16.4	9.5	12.5	15.2	16.1	9.4
increase minorities in fac/admin	28.6	30.2	24.8	31.9	24.7	27.1	23.1	22.0	26.3	27.1	21.4
increase women in fac/admin....	25.6	25.1	22.6	25.8	27.0	30.9	28.8	20.0	22.6	22.5	23.2
increase/maintain inst prestige.	77.3	78.8	90.0	71.2	77.9	82.8	76.4	71.0	51.5	50.6	57.3
promote intellectual development	75.8	66.6	87.6	76.1	80.1	79.3	82.5	79.9	64.0	62.5	74.1
raise money for the institution.	62.4	66.0	80.8	50.1	66.0	67.3	65.5	64.3	42.3	43.8	32.3
recruit more minority students..	40.6	40.3	40.3	46.9	33.7	36.3	28.7	32.8	33.4	35.7	18.6
teach students how to change soc	32.0	26.2	25.7	35.6	36.3	34.7	39.3	37.0	30.8	29.9	36.9
Want Copy of Survey Results											
no.....	6.9	6.5	7.2	6.6	7.4	8.4	6.0	6.7	8.6	9.3	3.9
yes.....	93.1	93.5	92.8	93.4	92.6	91.6	94.0	93.3	91.4	90.7	96.1

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Universities			Four-year Colleges						Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
HOURS PER WEEK IN THE PAST YEAR SPENT ON												
None												
classes/labs.....	1.0	0.4	1.9	1.0	1.1	0.6	1.1	2.0	1.1	1.2	0.4	
studying/homework.....	0.1	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.7	0.9	0.0	
socializing with friends.....	0.6	0.0	0.1	1.2	0.7	1.1	0.4	0.2	0.7	0.8	0.0	
talk with faculty outside class.....	8.0	9.1	8.3	9.2	5.2	6.2	5.3	3.5	9.8	9.6	11.3	
exercising/sports.....	6.6	4.3	5.0	9.7	5.7	6.1	6.2	4.9	11.0	12.2	3.4	
reading for pleasure.....	22.2	20.0	20.8	24.6	22.1	21.9	25.5	20.3	25.9	26.3	23.2	
using a personal computer.....	27.0	28.7	17.2	30.2	25.4	23.5	23.2	29.7	36.2	35.0	43.4	
partying.....	14.1	7.5	8.7	17.7	19.0	15.3	17.5	25.3	22.7	23.8	16.0	
working (for pay).....	26.0	27.2	25.2	28.4	22.0	24.3	18.8	20.5	30.0	31.5	20.7	
volunteer work.....	61.7	65.9	55.9	63.0	58.0	56.8	68.1	53.9	65.5	65.0	69.0	
student clubs/groups.....	37.6	37.3	27.1	42.2	36.5	34.5	43.7	35.1	55.1	57.3	40.7	
watching TV.....	7.8	4.5	14.2	8.4	7.8	8.3	6.0	8.3	5.0	5.2	3.9	
commuting to campus.....	37.7	31.6	52.2	28.5	49.3	52.4	33.5	54.0	32.3	32.5	31.3	
religious services/meetings.....	48.6	53.6	52.8	46.6	44.0	48.5	41.7	38.7	56.0	59.3	35.1	
hobbies.....	23.6	21.5	24.3	23.4	25.8	26.2	26.9	24.5	22.5	23.5	16.2	
Six or More												
classes/labs.....	88.4	92.0	91.5	84.2	88.4	91.2	84.5	86.5	82.3	81.7	85.9	
studying/homework.....	75.5	77.2	86.3	71.2	74.7	68.4	78.1	82.2	69.9	69.1	75.0	
socializing with friends.....	75.7	79.5	85.2	70.4	74.2	77.5	63.7	75.5	66.2	63.3	84.8	
talk with faculty outside class.....	3.2	2.2	2.2	3.4	4.3	3.9	3.8	5.2	5.3	5.2	6.0	
exercising/sports.....	27.0	26.1	31.8	26.0	27.2	28.2	24.8	27.2	30.3	29.2	37.1	
reading for pleasure.....	6.4	8.1	4.9	5.8	5.8	6.3	4.2	6.2	12.3	13.6	3.6	
using a personal computer.....	15.6	10.4	23.3	14.3	19.4	23.9	15.1	15.0	11.1	11.0	11.9	
partying.....	33.0	36.9	37.8	32.5	27.7	29.5	27.2	25.2	30.1	29.3	35.1	
working (for pay).....	63.6	64.0	61.7	63.6	63.8	60.1	74.2	63.4	63.5	61.6	75.3	
volunteer work.....	5.7	5.3	5.3	5.9	6.1	6.2	5.0	6.6	7.7	8.3	4.1	
student clubs/groups.....	10.9	11.2	17.3	7.8	11.9	12.2	7.3	14.0	5.2	4.7	8.4	
watching TV.....	31.1	34.8	28.4	30.8	28.8	30.0	33.2	24.3	30.7	30.5	31.8	
commuting to campus.....	9.4	6.4	6.1	13.8	8.7	8.2	15.9	5.2	23.1	23.3	21.9	
religious services/meetings.....	2.5	1.2	2.2	3.4	3.0	2.7	2.0	3.9	1.2	0.8	3.7	
hobbies.....	9.8	11.7	9.6	9.7	7.9	9.1	7.5	6.4	12.9	11.8	20.2	
Sixteen or More												
classes/labs.....	43.8	45.9	43.1	43.9	41.8	41.6	37.4	44.8	41.2	40.0	48.6	
studying/homework.....	27.9	27.7	39.9	23.2	28.7	27.6	31.7	28.7	22.1	22.7	18.4	
socializing with friends.....	31.5	31.6	33.5	29.2	33.4	36.1	28.2	32.6	29.6	28.3	38.2	
talk with faculty outside class.....	0.2	0.0	0.3	0.0	0.5	0.4	0.7	0.5	2.6	2.8	1.0	
exercising/sports.....	5.8	4.8	5.0	6.5	6.3	6.7	7.8	4.7	2.9	1.7	10.3	
reading for pleasure.....	0.8	1.1	0.7	0.7	0.8	1.2	0.1	0.7	4.9	5.5	0.9	
using a personal computer.....	3.6	2.5	4.5	4.0	3.9	4.4	3.6	3.1	2.5	2.7	1.3	
partying.....	9.4	10.1	8.6	10.3	7.8	7.8	9.3	6.8	9.6	8.0	19.2	
working (for pay).....	36.2	35.2	24.2	41.6	35.5	31.8	48.4	33.5	38.2	37.5	43.1	
volunteer work.....	1.7	1.0	0.9	2.6	1.8	1.7	0.8	2.4	0.5	0.4	0.8	
student clubs/groups.....	2.2	1.4	3.8	2.2	2.2	2.3	1.4	2.7	0.7	0.6	0.9	
watching TV.....	5.8	5.2	2.7	7.6	5.5	6.0	6.0	4.4	9.0	9.0	9.1	
commuting to campus.....	1.5	0.1	0.3	3.4	1.0	1.1	0.5	1.0	6.3	6.5	5.3	
religious services/meetings.....	0.3	0.1	0.3	0.5	0.3	0.3	0.3	0.4	0.2	0.2	0.2	
hobbies.....	2.3	2.9	0.8	2.9	1.4	1.3	1.4	1.4	3.7	4.0	1.5	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Religious Preference in 1985											
Baptist.....	12.7	11.4	5.8	15.2	14.1	13.8	4.0	20.6	15.9	14.7	22.7
Buddhist.....	0.2	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.3
Congregational (U.C.C.).....	1.5	1.0	0.5	2.1	1.9	1.7	1.5	2.4	1.3	1.3	1.2
Eastern Orthodox.....	0.4	0.3	0.7	0.5	0.4	0.4	0.4	0.5	0.0	0.0	0.0
Episcopal.....	3.3	4.2	2.7	2.0	4.2	4.8	2.4	4.5	2.1	2.1	2.1
Islamic.....	0.2	0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Jewish.....	3.8	5.2	10.5	1.4	2.3	3.9	0.2	1.0	2.1	2.2	1.5
Latter Day Saints (Mormon).....	0.2	0.1	0.4	0.2	0.1	0.1	0.0	0.2	0.0	0.0	0.0
Lutheran.....	6.0	6.4	3.7	6.3	6.1	4.4	3.5	10.5	5.5	4.9	8.6
Methodist.....	10.9	11.6	5.0	15.5	7.7	6.5	3.3	12.3	7.7	7.5	8.6
Presbyterian.....	4.6	4.4	5.9	2.8	6.1	7.8	2.5	5.6	3.7	3.6	4.6
Quaker (Society of Friends).....	0.2	0.3	0.0	0.2	0.3	0.3	0.3	0.2	0.0	0.0	0.0
Roman Catholic.....	35.4	34.7	47.5	34.1	32.8	30.6	68.5	14.5	45.1	48.6	24.9
Seventh Day Adventist.....	0.4	0.2	0.2	0.5	0.4	0.2	0.5	0.9	0.3	0.3	0.4
other Protestant.....	6.6	4.4	3.4	7.7	9.1	9.1	0.6	14.1	5.6	4.4	13.0
other religion.....	4.7	5.2	3.1	4.3	5.3	5.8	2.0	6.7	5.4	4.7	9.3
none.....	8.8	10.0	10.0	7.1	9.1	10.6	10.4	6.1	4.9	5.2	2.8
Religious Preference in 1989											
Baptist.....	11.8	9.2	4.8	15.6	12.7	14.4	3.9	15.6	16.4	14.5	28.5
Buddhist.....	0.3	0.6	0.5	0.0	0.2	0.2	0.2	0.1	0.3	0.3	0.0
Congregational (UCC).....	1.8	1.4	0.2	2.6	1.7	1.9	1.8	1.5	0.7	0.7	1.2
Eastern Orthodox.....	0.4	0.3	0.8	0.3	0.5	0.5	0.7	0.5	0.0	0.0	0.0
Episcopal.....	2.9	3.7	2.4	1.6	3.9	4.1	2.2	4.9	2.7	2.7	2.6
Islamic.....	0.1	0.0	0.1	0.2	0.0	0.0	0.1	0.0	0.2	0.2	0.0
Jewish.....	3.5	5.1	10.3	1.0	2.2	3.8	0.0	0.9	1.7	1.7	1.5
Latter Day Saints (Mormon).....	0.4	0.1	0.4	0.0	1.3	2.6	0.0	0.2	0.0	0.0	0.0
Lutheran.....	5.6	5.9	3.0	6.0	5.7	4.5	2.9	9.2	4.2	3.5	8.9
Methodist.....	10.2	12.5	3.8	13.4	6.7	6.1	3.7	9.4	7.5	8.1	3.7
Presbyterian.....	4.3	4.6	5.2	3.7	4.5	5.3	2.2	4.8	3.4	3.1	5.1
Quaker.....	0.3	0.3	0.4	0.3	0.2	0.2	0.0	0.5	0.1	0.1	0.0
Roman Catholic.....	32.8	33.4	42.9	30.5	30.8	27.1	66.8	14.8	35.7	38.3	19.4
Seventh Day Adventist.....	0.2	0.1	0.0	0.2	0.3	0.0	0.0	0.8	0.0	0.0	0.0
other Protestant.....	7.3	4.6	3.3	6.4	12.8	12.3	1.2	20.6	7.3	6.3	13.8
other religion.....	4.4	3.2	4.4	6.2	3.6	3.7	1.2	4.8	5.0	4.3	8.9
none.....	13.6	15.0	17.5	11.9	12.7	13.4	13.1	11.4	14.8	16.2	6.4
Born-again Christian in 1985											
no.....	75.7	78.7	88.6	70.7	72.9	75.2	89.3	59.2	82.7	85.9	63.8
yes.....	24.3	21.3	11.4	29.3	27.1	24.8	10.7	40.8	17.3	14.1	36.2
Born-again Christian in 1989											
no.....	77.2	82.8	91.2	70.5	73.8	74.8	93.1	60.5	81.6	83.7	68.5
yes.....	22.8	17.2	8.8	29.5	26.2	25.2	6.9	39.5	18.4	16.3	31.5

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Probable Career in 1985 (7)											
artist (including performer)....	6.9	5.0	9.4	6.9	7.9	8.9	5.7	7.6	7.5	7.1	9.7
business.....	21.5	20.2	18.8	20.1	25.6	24.6	34.9	21.6	28.1	25.7	42.3
clergy or religious worker.....	0.6	0.1	0.4	0.1	1.9	2.8	0.9	1.0	0.3	0.1	1.4
college teacher.....	0.3	0.0	0.9	0.3	0.4	0.4	0.6	0.2	0.3	0.3	0.0
doctor (MD or DDS).....	7.0	6.8	14.2	3.0	8.9	7.1	8.7	11.9	0.9	0.8	1.4
education (secondary).....	3.5	3.4	1.8	4.2	3.5	2.8	4.3	4.3	1.0	1.0	0.9
education (primary).....	2.9	1.3	1.0	3.8	4.4	3.7	3.0	6.3	3.6	3.3	5.4
engineer.....	9.2	13.5	15.3	6.8	5.2	7.0	3.8	3.3	8.9	10.2	0.6
farmer or forester.....	0.6	0.9	0.4	0.4	0.6	0.8	0.2	0.6	0.9	1.0	0.0
health professional (non-M.D.)..	5.8	9.2	2.5	5.4	4.0	2.9	3.9	5.7	5.4	5.5	5.1
lawyer.....	5.8	4.4	5.8	5.9	6.9	7.7	6.8	5.8	2.2	1.5	6.2
nurse.....	2.4	2.1	0.6	3.5	2.1	1.3	2.3	3.3	7.6	8.6	2.2
research scientist.....	1.9	1.4	2.5	2.4	1.8	2.2	1.2	1.5	0.5	0.6	0.0
other choice.....	16.0	14.0	10.3	21.5	14.3	13.6	14.9	15.2	25.5	26.5	19.4
undecided.....	15.4	17.8	16.2	15.6	12.4	14.2	9.0	11.8	7.4	7.7	5.6
Probable Career in 1989 (7)											
artist (including performer)....	5.9	5.8	8.8	4.7	6.3	6.7	3.7	7.2	5.5	5.1	8.5
business.....	27.7	27.8	22.6	27.3	30.3	29.5	38.9	26.2	39.1	40.2	31.5
clergy or religious worker.....	0.4	0.2	0.2	0.0	1.3	0.5	1.3	2.4	0.2	0.0	1.9
college teacher.....	1.9	1.3	3.1	1.4	2.7	2.9	2.1	3.0	0.6	0.7	0.0
doctor (MD or DDS).....	3.5	3.0	8.6	1.7	4.0	2.5	5.2	5.5	0.5	0.5	1.0
education (secondary).....	4.3	4.1	2.1	3.9	5.6	5.2	4.2	7.0	3.7	3.8	3.4
education (primary).....	4.6	4.5	3.1	5.3	4.6	3.6	5.8	5.6	4.9	4.0	10.9
engineer.....	6.3	9.1	9.7	4.6	4.0	5.7	2.2	2.4	5.8	6.5	0.8
farmer or forester.....	1.1	1.8	0.1	0.9	0.9	1.2	0.3	0.7	1.8	2.0	0.5
health professional (non-M.D.)..	3.9	4.0	3.2	4.4	3.4	1.9	3.7	5.5	3.9	4.0	3.2
lawyer.....	4.6	4.6	9.9	2.9	4.5	4.8	3.8	4.3	0.6	0.6	0.3
nurse.....	2.2	2.9	0.6	2.1	2.2	1.6	2.8	2.9	2.8	2.9	2.0
research scientist.....	2.1	1.6	3.6	2.2	1.8	1.7	1.2	2.3	1.0	1.2	0.0
other choice.....	26.5	24.0	18.3	34.1	23.4	26.2	22.0	19.8	23.4	21.8	34.2
undecided.....	5.0	5.2	6.0	4.4	5.1	6.0	2.9	5.0	6.2	6.8	1.7
Reasons Noted as Very Important or Essential for Choosing Career											
job opportunities available....	60.2	62.8	49.7	66.3	54.7	52.9	58.4	55.2	67.8	65.6	81.7
enjoy working w/people in field.	75.4	71.5	70.8	81.1	74.5	70.4	80.0	77.4	68.2	66.2	80.6
work is interesting.....	95.1	94.5	96.8	96.4	93.5	92.3	94.8	94.7	88.9	87.9	95.5
pays well.....	56.5	56.1	47.2	64.5	51.0	50.3	58.6	47.5	57.7	57.6	58.0
satisfies parent's hopes.....	14.2	14.1	12.3	17.9	10.7	10.8	13.6	8.8	15.1	12.9	29.5
work is challenging.....	84.3	84.9	87.3	82.3	84.7	83.8	85.4	85.7	74.3	72.4	86.4
can make contribution to society	62.3	62.0	65.3	61.1	62.9	58.2	67.3	67.5	48.8	45.5	69.2
oppty for rapid career advancmnt	50.3	51.0	40.9	55.6	47.1	46.1	54.9	44.0	56.3	55.8	59.3
oppty for freedom of action....	61.6	59.8	63.8	62.4	61.5	64.0	62.2	57.4	50.1	47.8	64.2

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Probable Major in 1985 (7)											
agriculture.....	0.9	2.1	0.1	0.5	0.4	0.7	0.0	0.3	2.4	2.8	0.0
biological sciences.....	4.6	3.8	8.1	3.3	5.4	4.4	8.7	5.0	2.4	2.5	2.1
business.....	23.4	20.9	17.5	24.5	26.9	26.6	36.1	21.7	29.2	26.1	48.2
education.....	6.3	5.2	1.9	8.4	6.8	5.1	6.1	10.1	5.4	4.9	8.5
engineering.....	10.4	14.0	18.0	8.5	6.1	8.3	4.1	3.7	9.1	10.2	2.8
English.....	1.8	1.0	4.1	1.5	1.9	2.4	1.4	1.5	0.1	0.0	0.4
health professional.....	10.1	13.5	8.0	7.9	10.0	6.1	10.0	16.2	9.9	10.9	3.6
history or political science....	4.7	3.9	5.9	4.8	4.9	5.0	3.0	5.8	0.9	0.9	0.7
humanities.....	3.0	1.6	5.3	2.0	4.5	5.2	4.5	3.4	1.1	0.7	3.1
fine arts.....	3.5	4.0	4.2	3.4	2.9	3.0	0.9	4.1	2.2	2.2	2.2
mathematics or statistics.....	1.4	0.9	1.4	2.2	1.1	0.9	1.3	1.2	0.2	0.2	0.5
physical sciences.....	2.4	1.8	4.7	2.6	1.8	2.3	0.8	1.6	0.6	0.7	0.3
social sciences.....	5.4	3.4	6.4	5.2	7.1	7.0	7.3	7.2	4.5	4.7	2.9
other technical.....	5.2	3.2	2.0	8.8	4.5	4.4	2.5	5.8	12.0	12.5	8.6
other non-technical.....	8.9	8.0	4.7	11.2	8.9	10.3	8.9	6.7	17.5	18.1	13.9
undecided.....	8.1	12.7	7.8	5.3	6.8	8.4	4.3	5.7	2.5	2.5	2.3
Major Reported in 1989 (7)											
agriculture.....	1.3	2.1	0.1	1.9	0.3	0.3	0.0	0.4	2.1	2.5	0.6
biological sciences.....	5.4	4.9	9.6	4.2	5.4	4.1	7.4	6.2	2.6	2.6	2.8
business.....	23.6	22.2	15.9	24.8	27.2	25.5	40.5	21.5	28.7	26.0	43.8
education.....	8.0	9.0	2.6	9.9	7.4	6.6	5.9	9.5	8.9	7.7	15.1
engineering.....	8.1	10.7	13.8	7.0	4.0	6.0	2.5	1.8	9.6	11.2	0.9
English.....	4.5	3.0	7.4	3.7	5.8	6.1	6.1	5.2	1.1	1.1	1.3
health professional.....	5.1	6.6	2.6	4.5	5.1	3.1	4.5	8.5	2.5	2.3	3.6
history or political science....	7.5	6.8	10.8	6.8	7.7	8.1	6.0	8.1	1.6	1.6	1.6
humanities.....	3.5	2.4	6.1	2.4	4.8	5.4	3.7	4.4	2.1	1.9	3.1
fine arts.....	3.5	3.6	5.2	2.0	4.2	4.5	1.4	5.4	2.2	1.8	4.8
mathematics or statistics.....	1.4	0.6	1.3	2.0	1.7	1.2	2.3	2.2	0.1	0.1	0.0
physical sciences.....	2.9	2.7	3.8	3.1	2.7	3.5	1.7	1.9	0.1	0.1	0.0
social sciences.....	11.5	12.3	12.2	9.7	12.1	12.6	10.1	12.7	6.5	7.2	2.5
other technical.....	4.1	2.8	3.3	6.4	3.5	4.4	1.7	3.0	10.4	11.5	4.0
other non-technical.....	8.7	9.3	5.0	10.9	7.4	8.3	5.0	7.5	12.5	11.8	16.4
undecided.....	0.8	0.9	0.3	0.8	0.9	0.3	1.2	1.7	9.0	10.6	0.0
Probable Graduate Major (7)											
agriculture.....	0.4	0.6	0.6	0.4	0.2	0.2	0.4	0.0	1.2	1.4	0.0
biological sciences.....	3.3	2.8	4.4	3.9	2.5	1.9	2.2	3.6	1.5	1.8	0.0
business.....	23.8	24.3	20.3	23.2	25.8	28.0	33.0	18.4	42.1	43.0	36.0
education.....	9.2	10.3	4.9	9.6	10.0	9.2	10.3	11.1	13.2	11.9	21.4
engineering.....	5.7	6.4	9.0	6.6	2.5	2.9	2.2	2.1	6.4	7.0	2.5
English.....	2.3	2.7	1.8	2.3	2.3	2.4	1.9	2.4	1.1	0.8	3.7
health professional.....	7.8	8.7	7.2	8.0	7.2	5.9	6.3	9.8	4.7	4.4	6.9
history or political science....	4.7	2.1	3.5	8.1	3.7	3.2	1.9	5.7	0.1	0.0	0.5
humanities.....	2.4	1.8	2.7	1.6	3.8	2.3	3.6	6.2	2.3	1.7	6.1
fine arts.....	2.7	3.3	3.7	1.4	3.1	4.1	0.5	3.1	3.2	2.3	9.2
mathematics or statistics.....	0.8	0.6	0.1	1.2	0.9	0.6	1.3	1.3	0.2	0.0	1.6
physical sciences.....	2.0	2.2	2.6	1.5	1.9	2.8	0.5	1.4	0.8	0.9	0.0
social sciences.....	9.7	8.4	9.5	9.3	11.6	10.4	11.7	13.5	6.1	6.4	3.6
other technical.....	4.9	4.1	7.3	5.1	4.3	3.6	9.3	2.7	4.7	5.1	2.2
other non-technical.....	15.9	16.7	18.8	14.0	15.8	17.7	12.2	14.8	11.6	12.4	6.3
undecided.....	4.2	5.2	3.6	3.6	4.2	4.8	2.6	4.1	0.7	0.9	0.0

1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	Four-year Colleges									Two-year Colleges			
	All 4-yr	Universities		Pub						All	Pub	Priv	
		Pub	Priv		All	Priv	Nons	Cath	Prot				
DISAGGREGATED RESPONSES													
Probable Career in 1985													
accountant or actuary.....	5.8	5.5	2.7	6.0	7.2	6.7	11.0	5.8		6.9	7.5	3.2	
actor or entertainer.....	1.0	0.5	1.2	0.9	1.8	2.4	1.3	1.1		3.1	3.5	0.6	
architect or urban planner.....	1.0	2.5	1.2	0.3	0.4	0.7	0.2	0.1		1.1	1.1	1.2	
artist.....	1.0	0.4	0.6	0.9	1.7	2.3	0.4	1.7		0.7	0.6	1.2	
business (clerical).....	0.7	0.1	0.3	1.2	0.9	0.6	1.3	1.0		1.7	1.5	2.5	
business executive (mgmt,admin).....	12.3	10.9	12.3	11.3	14.9	14.7	18.9	12.7		12.5	9.7	29.2	
business owner or proprietor....	2.0	2.6	2.5	1.3	2.0	1.8	2.4	2.1		7.0	8.0	1.1	
business salesperson or buyer...	1.4	1.3	1.3	1.5	1.4	1.3	2.6	0.9		1.7	0.5	8.9	
clergy (minister,priest).....	0.2	0.0	0.4	0.1	0.4	0.2	0.5	0.8		0.2	0.0	1.4	
clergy (other religious).....	0.4	0.1	0.0	0.0	1.5	2.7	0.4	0.3		0.1	0.1	0.0	
clinical psychologist.....	1.4	1.2	1.8	1.7	1.2	0.7	1.3	1.9		1.2	1.2	1.7	
college teacher.....	0.3	0.0	0.9	0.3	0.4	0.4	0.6	0.2		0.3	0.3	0.0	
computer programmer or analyst..	3.8	1.8	1.6	7.0	3.2	3.4	1.8	3.6		4.6	4.7	4.0	
conservationist or forester.....	0.3	0.3	0.4	0.3	0.3	0.4	0.1	0.4		0.7	0.8	0.0	
dentist (including orthodontist)...	0.9	0.7	0.6	0.8	1.3	0.1	4.8	1.2		0.2	0.0	1.4	
dietitian or home economist.....	0.3	0.7	0.0	0.0	0.3	0.1	0.2	0.5		0.2	0.3	0.0	
engineer.....	9.2	13.5	15.3	6.8	5.2	7.0	3.8	3.3		8.9	10.2	0.6	
farmer or rancher.....	0.3	0.6	0.0	0.1	0.3	0.4	0.1	0.2		0.2	0.2	0.0	
frgn svc worker (incl diplomat)...	0.8	1.1	1.4	0.3	0.8	0.8	0.5	1.1		0.5	0.5	0.0	
homemaker (full-time).....	0.2	0.4	0.0	0.1	0.1	0.1	0.2	0.0		0.1	0.0	0.4	
interior decorator or designer..	0.6	0.9	0.6	0.4	0.3	0.1	1.0	0.3		1.4	0.9	4.6	
intepreter (translator).....	0.3	0.0	0.3	0.4	0.3	0.5	0.0	0.3		0.0	0.0	0.0	
lab technician or hygienist.....	0.5	0.5	0.3	0.6	0.6	0.2	0.8	1.2		1.6	1.5	2.4	
law enforcement officer.....	0.7	0.0	0.0	1.4	0.8	0.6	1.3	0.8		3.0	3.5	0.1	
lawyer (attorney) or judge.....	5.8	4.4	5.8	5.9	6.9	7.7	6.8	5.8		2.2	1.5	6.2	
military service (career).....	1.1	0.3	0.5	2.6	0.3	0.1	0.3	0.6		1.0	0.9	1.4	
musician (performer,composer)...	1.2	1.1	1.9	1.6	0.6	0.6	0.8	0.4		0.4	0.4	0.4	
nurse.....	2.4	2.1	0.6	3.5	2.1	1.3	2.3	3.3		7.6	8.6	2.2	
optometrist.....	0.5	1.1	0.1	0.3	0.2	0.2	0.5	0.2		0.0	0.0	0.0	
pharmacist.....	0.8	1.6	0.3	0.5	0.5	0.5	0.4	0.6		0.5	0.5	0.0	
physician.....	6.1	6.1	13.6	2.2	7.6	6.9	3.9	10.7		0.7	0.8	0.0	
school counselor.....	0.1	0.0	0.0	0.1	0.2	0.2	0.8	0.0		0.0	0.0	0.0	
school principal/superintendent..	0.1	0.0	0.1	0.0	0.3	0.6	0.0	0.1		0.0	0.0	0.0	
scientific researcher.....	1.9	1.4	2.5	2.4	1.8	2.2	1.2	1.5		0.5	0.6	0.0	
social,welfare or rec worker....	0.6	0.1	0.0	0.9	1.1	1.5	0.7	0.7		1.1	1.2	0.6	
statistician.....	0.3	0.2	0.2	0.8	0.1	0.1	0.0	0.1		0.1	0.1	0.0	
therapist (phys,occup,speech)...	2.6	3.2	1.4	3.3	1.7	1.0	2.0	2.7		2.0	2.1	1.5	
teacher/admin (elementary).....	2.9	1.3	1.0	3.8	4.4	3.7	3.0	6.3		3.6	3.3	5.4	
teacher/admin (secondary).....	3.3	3.4	1.7	4.2	3.0	2.0	3.5	4.2		1.0	1.0	0.9	
veterinarian.....	1.0	2.0	0.4	0.8	0.6	0.8	0.0	0.6		1.1	1.1	1.1	
writer or journalist.....	3.1	2.1	5.2	3.1	3.5	3.5	2.4	4.0		1.9	1.7	2.8	
skilled trades.....	0.1	0.1	0.0	0.0	0.4	0.6	0.3	0.2		2.6	3.0	0.3	
other.....	5.0	6.2	3.1	4.8	4.8	4.0	7.0	4.8		8.6	8.8	7.2	
undecided.....	15.4	17.8	16.2	15.6	12.4	14.2	9.0	11.8		7.4	7.7	5.6	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv
		Pub	Priv	Pub	Priv	Nons	Cath	Prot			
Probable Career in 1989											
accountant or actuary.....	5.1	6.1	3.3	4.9	4.8	3.5	7.2	5.4	13.3	14.6	4.2
actor or entertainer.....	0.6	0.1	1.1	0.7	1.0	1.1	1.1	0.8	2.8	3.1	0.8
architect or urban planner.....	0.8	1.5	1.9	0.1	0.5	0.5	0.4	0.5	0.7	0.6	1.6
artist.....	1.1	0.9	1.4	0.6	1.7	2.2	0.4	1.8	0.4	0.3	1.4
business (clerical).....	1.6	0.5	0.3	3.3	1.3	1.1	1.8	1.2	3.6	2.1	14.0
business executive (mgmt,admin)...	16.8	16.6	14.1	16.2	18.8	18.6	26.0	14.7	16.8	16.0	22.2
business owner or proprietor....	2.9	2.0	2.8	3.5	3.1	3.7	1.7	2.9	6.2	6.6	3.6
business salesperson or buyer...	3.0	3.0	2.5	2.7	3.6	3.7	3.9	3.1	2.8	3.0	1.5
clergy (minister,priest).....	0.1	0.0	0.0	0.0	0.5	0.3	0.8	0.6	0.1	0.0	0.6
clergy (other religious).....	0.3	0.2	0.2	0.0	0.8	0.2	0.4	1.8	0.2	0.0	1.4
clinical psychologist.....	1.2	0.9	1.9	0.8	1.9	1.8	1.5	2.2	0.5	0.5	0.0
college teacher.....	1.9	1.3	3.1	1.4	2.7	2.9	2.1	3.0	0.6	0.7	0.0
computer programmer or analyst..	2.8	1.7	2.6	4.0	2.5	3.0	3.1	1.4	2.3	2.5	1.3
conservationist or forester.....	0.8	1.5	0.1	0.6	0.7	1.1	0.2	0.4	0.8	0.8	0.5
dentist (including orthodontist)	0.6	0.4	0.5	0.6	0.9	0.2	3.9	0.2	0.0	0.0	0.0
dietitian or home economist.....	0.2	0.2	0.5	0.1	0.1	0.0	0.2	0.2	0.2	0.3	0.0
engineer.....	6.3	9.1	9.7	4.6	4.0	5.7	2.2	2.4	5.8	6.5	0.8
farmer or rancher.....	0.2	0.3	0.0	0.2	0.2	0.1	0.1	0.3	1.0	1.2	0.0
frgn svc worker (incl diplomat)...	1.0	1.1	1.9	0.8	0.9	0.9	1.0	1.0	0.0	0.0	0.0
homemaker (full-time).....	0.4	0.3	0.1	0.9	0.0	0.0	0.0	0.1	0.4	0.3	1.2
interior decorator or designer..	0.3	0.1	0.8	0.2	0.3	0.3	0.0	0.4	1.1	0.8	2.9
intepreter (translator).....	0.2	0.1	0.3	0.3	0.2	0.3	0.0	0.1	0.1	0.1	0.0
lab technician or hygienist.....	0.4	0.2	0.6	0.5	0.5	0.0	0.5	1.1	0.3	0.3	0.4
law enforcement officer.....	2.5	1.1	0.1	4.3	2.8	3.7	1.8	1.8	1.8	1.4	4.7
lawyer (attorney) or judge.....	4.6	4.6	9.9	2.9	4.5	4.8	3.8	4.3	0.6	0.6	0.3
military service (career).....	1.9	0.4	1.1	3.9	1.2	1.9	0.3	0.9	0.8	0.4	3.2
musician (performer,composer)...	0.7	1.0	1.5	0.3	0.5	0.5	0.5	0.5	0.2	0.0	1.7
nurse.....	2.2	2.9	0.6	2.1	2.2	1.6	2.8	2.9	2.8	2.9	2.0
optometrist.....	0.3	0.3	0.1	0.3	0.2	0.2	0.0	0.3	0.0	0.0	0.0
pharmacist.....	0.9	1.7	0.4	0.4	0.9	0.4	0.8	1.6	0.4	0.4	0.0
physician.....	2.9	2.6	8.1	1.1	3.0	2.3	1.3	5.3	0.5	0.5	1.0
school counselor.....	0.7	1.1	0.0	0.4	1.1	1.5	0.3	1.0	0.5	0.6	0.0
school principal/superintendent...	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
scientific researcher.....	2.1	1.6	3.6	2.2	1.8	1.7	1.2	2.3	1.0	1.2	0.0
social,welfare or rec worker....	2.5	1.3	1.3	4.3	2.3	2.0	3.0	2.2	2.9	2.9	3.3
statistician.....	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
therapist (phys,occup,speech)...	1.5	1.6	1.0	1.4	1.5	1.0	2.2	2.0	3.0	3.0	2.8
teacher/admin (elementary).....	4.6	4.5	3.1	5.3	4.6	3.6	5.8	5.6	4.9	4.0	10.9
teacher/admin (secondary).....	3.5	2.9	2.1	3.6	4.5	3.7	3.9	6.0	3.2	3.2	3.4
veterinarian.....	0.7	0.1	0.8	1.6	0.2	0.2	0.0	0.3	0.0	0.0	0.0
writer or journalist.....	3.2	3.7	3.9	2.9	2.7	2.5	1.7	3.7	1.0	0.9	1.8
skilled trades.....	0.8	0.7	0.1	1.4	0.4	0.4	0.4	0.4	3.8	4.3	0.5
other.....	10.7	14.5	6.8	9.8	9.4	10.5	8.6	8.1	6.4	6.7	4.4
undecided.....	5.0	5.2	6.0	4.4	5.1	6.0	2.9	5.0	6.2	6.8	1.7

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot			
Probable Major Reported in 1985											
Arts and Humanities											
art, fine & applied.....	0.9	0.4	0.5	0.6	1.8	2.0	0.4	2.3	0.9	0.8	1.3
English (language & literature).....	1.8	1.0	4.1	1.5	1.9	2.4	1.4	1.5	0.1	0.0	0.4
history.....	0.8	0.3	0.8	0.6	1.5	1.7	0.3	1.7	0.4	0.4	0.1
journalism.....	1.8	1.7	1.5	2.1	1.6	1.8	1.3	1.5	0.8	0.6	1.8
language (except English).....	0.8	0.3	1.0	0.8	1.2	1.1	1.1	1.2	0.1	0.2	0.0
music.....	1.1	1.1	2.1	1.2	0.7	0.8	0.4	0.8	0.4	0.5	0.0
philosophy.....	0.2	0.2	1.0	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.0
speech.....	0.6	0.0	0.6	1.5	0.1	0.0	0.0	0.2	0.0	0.0	0.0
theater or drama.....	0.6	0.2	1.8	0.1	1.1	0.8	1.2	1.4	0.3	0.3	0.6
theology or religion.....	0.6	0.1	0.3	0.1	1.7	2.6	1.0	0.6	0.1	0.0	0.5
other arts and humanities.....	0.8	0.8	1.1	1.0	0.5	0.6	1.1	0.2	0.4	0.2	2.0
Biological Sciences											
biology (general).....	2.7	1.8	5.2	1.8	3.6	2.8	6.1	3.2	1.1	1.1	1.1
biochemistry or biophysics.....	0.6	0.4	1.6	0.5	0.5	0.5	0.5	0.6	0.2	0.2	0.0
botany.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science.....	0.2	0.1	0.1	0.3	0.3	0.1	0.7	0.4	0.0	0.0	0.0
microbiology or bacteriology.....	0.3	0.5	0.6	0.2	0.3	0.4	0.1	0.3	0.2	0.2	0.0
zoology.....	0.2	0.3	0.0	0.1	0.2	0.1	0.1	0.4	0.2	0.3	0.0
other biological sciences.....	0.5	0.7	0.5	0.4	0.5	0.5	1.1	0.2	0.8	0.7	1.0
Business											
accounting.....	5.9	5.6	3.1	5.9	7.2	6.5	10.9	6.0	6.8	7.3	3.4
business admin (general).....	6.5	6.7	5.0	6.6	6.7	6.2	7.3	7.0	5.5	4.2	13.5
finance.....	1.6	1.9	2.3	0.9	1.9	1.9	2.5	1.6	0.9	1.0	0.0
marketing.....	3.7	3.3	2.8	4.4	3.6	4.8	3.9	1.5	2.8	1.6	10.4
management.....	3.7	2.4	3.1	4.5	4.6	5.6	3.9	3.3	4.7	2.8	16.2
secretarial studies.....	0.2	0.0	0.0	0.0	0.7	1.0	0.9	0.2	2.7	2.6	3.4
other business.....	1.8	1.2	1.2	2.4	2.2	0.6	6.7	2.0	5.8	6.5	1.2
Education											
business education.....	0.1	0.1	0.0	0.3	0.1	0.2	0.1	0.0	0.0	0.0	0.0
elementary education.....	2.2	0.8	1.0	3.1	3.1	2.2	2.5	5.0	2.4	2.1	3.8
music or art education.....	0.1	0.3	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.5
physical education or recreation.....	2.1	3.2	0.0	2.9	1.0	0.8	0.5	1.7	0.6	0.5	1.3
secondary education.....	0.9	0.6	0.7	0.7	1.5	0.6	2.4	2.4	0.7	0.7	0.4
special education.....	0.6	0.3	0.0	0.9	0.7	0.9	0.6	0.7	1.0	1.0	1.0
other education.....	0.3	0.0	0.2	0.6	0.2	0.4	0.0	0.1	0.8	0.6	1.7
Engineering											
aeronautical/astronautical eng..	1.4	2.2	1.8	1.5	0.5	0.3	0.7	0.7	1.6	1.7	1.2
civil engineering.....	1.0	1.8	0.5	0.9	0.4	0.4	0.4	0.5	0.8	0.9	0.0
chemical engineering.....	0.8	0.8	2.6	0.4	0.3	0.4	0.2	0.3	0.4	0.5	0.0
electrical/electronic eng.....	3.9	5.6	5.8	2.5	3.0	4.7	1.6	1.0	2.8	3.2	0.4
industrial engineering.....	0.4	0.3	0.3	0.7	0.2	0.4	0.1	0.1	0.1	0.1	0.0
mechanical engineering.....	1.4	1.3	3.2	1.5	0.8	1.0	1.0	0.2	1.8	2.0	0.6
other engineering.....	1.5	1.9	3.7	0.9	0.9	1.2	0.0	1.0	1.6	1.8	0.7

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	Four-year Colleges					All	Pub	Priv
		Pub	Priv		All	Priv	Nons	Cath	Prot			
Probable Major Reported in 1985												
Physical Sciences												
astronomy.....	0.2	0.2	0.0	0.4	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0
atmospheric science.....	0.3	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0
chemistry.....	1.1	0.8	2.6	0.7	1.1	1.4	0.4	1.1	0.1	0.1	0.1	0.0
earth science.....	0.2	0.3	0.3	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.3
marine science.....	0.1	0.2	0.0	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
mathematics.....	1.4	0.8	1.4	2.2	1.1	0.9	1.3	1.2	0.2	0.2	0.1	0.5
physics.....	0.5	0.3	1.6	0.3	0.4	0.5	0.3	0.2	0.2	0.0	0.0	0.0
statistics.....	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
other physical sciences.....	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Professional												
architecture/urban planning.....	1.0	2.5	0.9	0.2	0.4	0.2	0.1	0.8	0.9	0.9	0.9	0.9
home economics.....	0.8	1.7	0.5	0.5	0.2	0.1	0.6	0.3	0.7	0.7	0.8	0.0
health technology.....	1.2	1.6	0.4	1.2	1.3	1.4	0.7	1.5	1.7	1.4	3.6	0.0
library or archival science.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0
nursing.....	2.5	2.4	0.7	3.5	2.1	1.5	2.5	2.9	7.2	8.1	2.2	2.2
pharmacy.....	0.8	1.8	0.2	0.5	0.5	0.6	0.4	0.4	0.3	0.4	0.0	0.0
preident, premed, prevet.....	4.7	6.5	6.3	1.7	5.7	3.4	4.9	10.1	0.4	0.4	0.9	0.9
therapy (phys, occupat, etc).....	2.0	2.8	0.9	2.2	1.7	0.7	2.2	2.9	1.9	2.1	0.5	0.5
other professional.....	0.8	1.6	1.0	0.0	0.9	0.8	1.4	0.9	1.5	1.1	4.0	0.0
Social Sciences												
anthropology.....	0.1	0.0	0.4	0.0	0.2	0.3	0.2	0.0	0.2	0.2	0.0	0.0
economics.....	0.9	0.2	2.1	0.4	1.7	2.8	0.5	0.6	0.0	0.0	0.0	0.0
ethnic studies.....	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
geography.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science.....	3.9	3.6	5.1	4.1	3.4	3.2	2.7	4.0	0.5	0.5	0.6	0.6
psychology.....	3.5	2.6	3.5	3.5	4.3	3.0	5.9	5.4	2.8	2.9	2.3	2.3
social work.....	0.5	0.4	0.2	0.8	0.5	0.4	0.4	0.6	1.5	1.7	0.6	0.6
sociology.....	0.2	0.0	0.0	0.1	0.4	0.4	0.3	0.5	0.0	0.0	0.0	0.0
women's studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences.....	0.2	0.1	0.1	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Technical												
building trades.....	0.1	0.2	0.0	0.0	0.3	0.5	0.0	0.0	0.7	0.8	0.0	0.0
data processing, computer prog...	1.4	0.7	0.7	2.1	1.6	1.5	0.2	2.6	2.1	2.3	0.5	0.5
drafting or design.....	0.1	0.1	0.0	0.1	0.2	0.3	0.0	0.0	1.1	1.2	0.0	0.0
electronics.....	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.4	0.4	0.0	0.0
mechanics.....	0.2	0.0	0.4	0.4	0.0	0.0	0.0	0.0	3.5	4.1	0.0	0.0
other technical.....	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.8	0.9	0.3	0.3
Other Fields												
agriculture.....	0.8	1.9	0.0	0.5	0.3	0.5	0.0	0.2	2.4	2.8	0.0	0.0
communications.....	3.8	1.6	1.5	6.5	3.7	5.3	2.6	1.9	4.4	4.9	1.5	1.5
computer science.....	2.3	0.8	0.4	5.1	1.3	1.1	1.6	1.5	2.4	2.1	4.2	4.2
forestry.....	0.1	0.2	0.1	0.0	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0
law enforcement.....	0.7	0.0	0.0	1.2	1.2	1.0	2.8	0.7	4.7	4.8	4.4	4.4
military science.....	0.2	0.0	0.0	0.4	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0
other field.....	0.7	1.3	0.1	0.5	0.6	0.8	0.2	0.5	4.7	5.2	2.2	2.2
undecided.....	8.1	12.7	7.8	5.3	6.8	8.4	4.3	5.7	2.5	2.5	2.3	2.3

1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Major Reported in 1989											
Arts and Humanities											
art, fine & applied.....	1.6	0.8	2.0	0.9	3.2	3.5	1.1	3.9	0.7	0.4	2.6
English (language & literature).....	4.5	3.0	7.4	3.7	5.8	6.1	6.1	5.2	1.1	1.1	1.3
history.....	2.2	1.4	2.9	1.4	3.6	4.0	2.8	3.5	0.4	0.2	1.4
journalism.....	1.4	2.3	1.7	1.1	0.8	0.6	0.4	1.2	0.4	0.5	0.0
language (except English).....	1.2	0.9	1.5	1.0	1.4	1.6	1.0	1.2	0.5	0.5	0.0
music.....	0.7	0.8	1.4	0.5	0.6	0.8	0.0	0.6	0.6	0.4	1.8
philosophy.....	0.5	0.2	1.5	0.2	0.6	1.0	0.3	0.2	0.1	0.2	0.0
speech.....	0.5	0.5	1.0	0.4	0.3	0.1	0.2	0.6	0.2	0.2	0.0
theater or drama.....	0.5	0.1	1.2	0.1	1.0	1.0	0.8	1.3	0.7	0.9	0.0
theology or religion.....	0.3	0.2	0.2	0.1	0.8	0.5	1.2	1.0	0.2	0.0	1.4
other arts and humanities.....	1.0	0.9	1.7	0.9	1.0	1.4	0.5	0.7	0.5	0.3	1.7
Biological Sciences											
biology (general).....	3.9	2.1	7.3	3.5	4.7	3.2	7.2	5.4	0.6	0.3	1.8
biochemistry or biophysics.....	0.5	0.7	1.2	0.1	0.4	0.3	0.2	0.5	0.3	0.3	0.0
botany.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science.....	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.1	0.0
microbiology or bacteriology.....	0.2	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.2	0.3	0.0
zoology.....	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	1.0
other biological sciences.....	0.7	1.4	0.8	0.3	0.3	0.5	0.0	0.1	1.3	1.5	0.0
Business											
accounting.....	4.9	5.3	3.0	5.3	4.7	3.7	6.4	5.2	4.8	4.9	4.7
business admin (general).....	4.6	2.0	1.6	5.6	7.7	6.3	9.7	8.5	6.8	7.4	3.7
finance.....	3.0	3.7	5.1	1.9	2.5	2.0	4.4	1.9	2.5	2.9	0.0
marketing.....	4.0	5.2	3.1	2.9	4.4	4.7	5.9	2.9	3.7	2.5	10.6
management.....	4.7	4.4	2.8	5.3	5.4	7.0	6.2	2.4	4.8	5.0	4.1
secretarial studies.....	0.3	0.0	0.0	0.5	0.4	0.6	0.0	0.5	4.5	2.7	14.6
other business.....	2.1	1.6	0.3	3.4	2.1	1.2	7.7	0.1	1.5	0.6	6.1
Education											
business education.....	0.3	0.4	0.0	0.3	0.2	0.3	0.0	0.3	0.2	0.2	0.3
elementary education.....	3.5	3.4	1.9	4.4	3.5	3.3	2.9	4.3	4.2	3.3	9.4
music or art education.....	0.3	0.3	0.2	0.3	0.4	0.3	0.5	0.4	0.1	0.0	0.4
physical education or recreation.....	2.1	3.5	0.2	2.2	1.2	0.5	1.0	2.3	1.0	0.8	2.4
secondary education.....	1.2	0.7	0.3	2.1	1.3	1.0	1.4	1.9	2.3	2.3	1.9
special education.....	0.5	0.6	0.0	0.6	0.5	0.8	0.0	0.2	0.8	0.8	0.3
other education.....	0.2	0.1	0.0	0.1	0.3	0.4	0.2	0.2	0.4	0.4	0.4
Engineering											
aeronautical/astronautical eng..	0.4	0.7	0.2	0.5	0.1	0.0	0.0	0.1	0.4	0.5	0.0
civil engineering.....	0.7	1.0	1.1	0.7	0.1	0.0	0.2	0.3	0.6	0.6	0.9
chemical engineering.....	0.4	0.5	1.3	0.1	0.2	0.0	0.2	0.3	0.0	0.0	0.0
electrical/electronic eng.....	3.0	4.3	4.5	1.6	2.3	4.2	0.6	0.5	2.1	2.5	0.0
industrial engineering.....	0.6	0.4	1.5	0.6	0.2	0.5	0.0	0.0	0.2	0.2	0.0
mechanical engineering.....	2.0	2.6	4.0	1.8	0.8	0.9	1.2	0.3	4.9	5.8	0.0
other engineering.....	1.1	1.2	1.2	1.7	0.3	0.3	0.2	0.3	1.4	1.6	0.0

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ALL STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Major Reported in 1989											
Physical Sciences											
astronomy.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
atmospheric science.....	0.3	0.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
chemistry.....	1.3	1.1	2.4	0.6	1.7	2.4	0.3	1.3	0.1	0.1	0.0
earth science.....	0.5	0.8	0.3	0.4	0.3	0.6	0.0	0.0	0.0	0.0	0.0
marine science.....	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
mathematics.....	1.3	0.5	1.3	1.7	1.7	1.2	2.3	2.2	0.1	0.1	0.0
physics.....	0.7	0.5	1.2	0.9	0.7	0.5	1.4	0.5	0.0	0.0	0.0
statistics.....	0.1	0.1	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0
other physical sciences.....	0.1	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Professional											
architecture/urban planning.....	0.6	1.5	0.9	0.1	0.1	0.0	0.2	0.3	0.8	0.8	0.5
home economics.....	0.6	1.5	0.4	0.3	0.1	0.1	0.0	0.2	1.2	1.4	0.0
health technology.....	0.4	0.2	0.2	0.8	0.4	0.3	0.4	0.4	0.3	0.2	1.2
law.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
library or archival science.....	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0
nursing.....	2.1	2.8	0.6	2.2	1.9	1.4	2.3	2.5	1.8	1.7	2.0
pharmacy.....	0.7	1.7	0.1	0.3	0.5	0.3	0.2	0.9	0.1	0.1	0.0
pre dent, pre med, pre vet.....	1.0	0.6	1.1	0.9	1.6	0.5	0.0	4.4	0.0	0.0	0.0
therapy (phys, occupat, etc).....	1.2	1.4	0.8	1.2	1.1	1.0	2.0	0.8	0.6	0.5	1.5
other professional.....	0.6	0.8	0.5	0.5	0.6	0.6	0.5	0.7	0.7	0.8	0.0
Social Sciences											
anthropology.....	0.4	0.6	0.8	0.0	0.4	0.6	0.0	0.2	0.3	0.2	0.4
economics.....	2.3	3.6	3.7	0.7	2.0	2.0	0.9	2.6	0.9	1.1	0.0
ethnic studies.....	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography.....	0.2	0.3	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0
political science.....	5.3	5.5	7.9	5.4	4.1	4.0	3.2	4.6	1.2	1.4	0.3
psychology.....	5.0	4.6	4.8	4.7	5.7	5.5	4.7	6.6	3.1	3.3	1.6
social work.....	1.1	0.6	0.3	2.0	1.0	0.9	0.6	1.2	0.8	0.9	0.5
sociology.....	1.4	1.4	1.2	0.9	2.1	2.3	1.8	2.0	1.0	1.2	0.0
women's studies.....	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0
other social sciences.....	1.0	1.1	1.1	1.1	0.8	0.8	2.1	0.0	0.4	0.4	0.0
Technical											
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.5
data processing, computer prog... drafting or design.....	0.9 0.2	0.3 0.1	0.5 0.4	1.7 0.2	1.0 0.1	0.8 0.1	0.7 0.0	1.5 0.1	0.8 0.4	0.8 0.5	0.6 0.0
electronics.....	0.1	0.2	0.0	0.0	0.2	0.3	0.0	0.0	0.3	0.3	0.0
mechanics.....	0.2	0.3	0.0	0.4	0.0	0.0	0.0	0.0	0.6	0.7	0.0
other technical.....	0.5	0.4	0.0	1.0	0.5	0.7	0.0	0.5	6.1	6.9	1.5
Other Fields											
agriculture.....	1.1	1.6	0.1	1.8	0.2	0.2	0.0	0.3	2.1	2.5	0.0
communications.....	4.3	2.6	1.6	7.8	3.6	5.2	1.5	2.5	4.8	5.2	2.5
computer science.....	1.7	1.3	2.2	2.3	1.4	2.1	0.7	0.5	1.9	2.1	0.7
forestry.....	0.2	0.5	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0
law enforcement.....	0.5	0.2	0.1	0.3	1.3	0.8	1.2	2.0	2.6	0.9	12.3
military science.....	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field.....	1.1	1.9	0.6	0.7	0.9	0.9	0.8	0.9	2.5	2.8	1.1
undecided.....	0.8	0.9	0.3	0.8	0.9	0.3	1.2	1.7	9.0	10.6	0.0

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Probable Graduate Major												
Arts and Humanities												
art, fine & applied.....	0.8	0.0	1.6	0.2	1.9	2.5	0.2	1.9	0.9	0.7	2.4	
English (language & literature).....	2.3	2.7	1.8	2.3	2.3	2.4	1.9	2.4	1.1	0.8	3.7	
history.....	2.4	0.6	0.9	5.3	1.4	1.3	0.7	1.8	0.1	0.0	0.5	
journalism.....	1.0	0.4	0.8	1.6	1.1	1.5	0.8	0.5	0.2	0.0	1.5	
language (except English).....	0.9	0.3	0.7	1.0	1.4	0.9	1.6	1.9	0.3	0.4	0.0	
music.....	0.9	0.9	0.7	1.3	0.5	0.8	0.0	0.2	1.0	0.1	6.9	
philosophy.....	0.3	0.5	0.3	0.0	0.5	0.2	0.2	1.1	0.0	0.0	0.0	
speech.....	0.1	0.3	0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	
theater or drama.....	0.3	0.0	1.3	0.0	0.3	0.1	0.0	0.6	0.7	0.8	0.0	
theology or religion.....	0.5	0.0	0.5	0.1	1.4	0.6	1.6	2.5	0.8	0.0	6.1	
other arts and humanities.....	0.5	1.0	0.0	0.5	0.2	0.4	0.2	0.1	0.4	0.5	0.0	
Biological Sciences												
biology (general).....	0.4	0.8	0.5	0.1	0.2	0.1	1.0	0.0	0.0	0.0	0.0	
biochemistry or biophysics.....	0.8	0.3	2.0	0.9	0.6	0.2	0.2	1.3	0.4	0.5	0.0	
botany.....	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	
marine (life) science.....	0.2	0.2	0.0	0.1	0.3	0.1	0.0	0.9	0.0	0.0	0.0	
microbiology or bacteriology.....	0.6	0.6	0.8	0.7	0.4	0.0	0.7	0.8	0.0	0.0	0.0	
zoology.....	0.4	0.1	0.0	0.7	0.3	0.5	0.0	0.2	0.0	0.0	0.0	
other biological sciences.....	0.9	0.5	1.1	1.4	0.6	1.0	0.3	0.1	1.1	1.3	0.0	
Business												
accounting.....	1.6	2.8	1.0	1.2	1.1	1.7	1.2	0.2	3.2	2.5	7.9	
business admin (general).....	7.7	9.5	8.3	5.8	7.8	8.3	10.0	5.9	12.5	13.8	3.8	
finance.....	3.2	3.8	2.7	1.8	4.6	4.6	5.4	4.1	5.3	6.1	0.0	
marketing.....	4.2	2.0	3.5	5.7	4.7	4.9	6.7	3.4	15.3	14.1	23.4	
management.....	5.5	4.9	3.0	6.7	5.8	6.8	8.4	2.9	4.8	5.4	0.9	
secretarial studies.....	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
other business.....	1.7	1.3	1.7	2.0	1.7	1.6	1.4	2.0	1.0	1.2	0.0	
Education												
business education.....	0.5	0.0	0.6	0.5	0.8	1.0	1.7	0.0	0.1	0.0	0.8	
elementary education.....	2.6	3.2	1.2	3.5	1.8	1.1	3.3	2.1	2.6	2.4	3.6	
music or art education.....	0.3	0.2	0.1	0.1	0.6	1.3	0.0	0.0	0.0	0.0	0.0	
physical education or recreation.....	0.6	0.2	0.3	0.6	0.9	0.6	0.5	1.6	1.0	0.0	7.4	
secondary education.....	1.7	2.3	1.6	0.9	2.2	1.2	2.4	3.7	0.8	0.6	2.8	
special education.....	0.9	0.9	1.0	0.7	1.1	1.1	0.5	1.4	2.5	2.6	1.9	
other education.....	2.7	3.4	0.2	3.2	2.6	2.9	2.0	2.3	6.1	6.3	4.8	
Engineering												
aeronautical/astronautical eng..	0.7	1.2	1.0	0.6	0.3	0.2	0.0	0.6	0.0	0.0	0.0	
civil engineering.....	0.8	0.9	1.5	1.1	0.1	0.2	0.0	0.0	1.3	1.2	2.5	
chemical engineering.....	0.4	0.4	1.3	0.2	0.1	0.1	0.4	0.0	0.0	0.0	0.0	
electrical/electronic eng.....	1.7	1.2	3.0	2.2	1.1	1.4	0.9	0.5	2.0	2.3	0.0	
industrial engineering.....	0.5	0.6	0.3	0.8	0.2	0.3	0.5	0.0	0.0	0.0	0.0	
mechanical engineering.....	0.8	0.7	0.9	1.2	0.4	0.4	0.2	0.6	2.3	2.6	0.0	
other engineering.....	0.7	1.4	0.9	0.6	0.3	0.2	0.3	0.3	0.7	0.8	0.0	

1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
		Pub	Priv								
Probable Graduate Major											
Physical Sciences											
astronomy.....	0.1	0.0	0.2	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0
atmospheric science.....	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
chemistry.....	0.9	1.1	1.1	0.3	1.1	1.8	0.1	0.7	0.5	0.5	0.0
earth science.....	0.3	0.5	0.2	0.3	0.2	0.2	0.0	0.2	0.0	0.0	0.0
marine science.....	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
mathematics.....	0.7	0.6	0.1	0.9	0.9	0.6	1.1	1.2	0.2	0.0	1.6
physics.....	0.5	0.4	1.1	0.5	0.2	0.2	0.3	0.3	0.0	0.0	0.0
statistics.....	0.1	0.0	0.0	0.4	0.1	0.0	0.2	0.1	0.0	0.0	0.0
other physical sciences.....	0.2	0.0	0.0	0.4	0.2	0.2	0.0	0.1	0.3	0.4	0.0
Professional											
architecture/urban planning.....	0.9	2.1	1.3	0.0	0.7	0.6	0.3	1.0	1.3	1.5	0.0
home economics.....	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0
health technology.....	2.4	2.6	5.1	1.3	2.3	1.3	7.1	1.0	0.0	0.0	0.0
law.....	9.0	11.5	14.9	4.6	8.8	9.3	7.6	8.6	2.9	2.8	3.4
library or archival science.....	0.6	0.2	0.1	1.4	0.5	0.3	1.0	0.5	0.0	0.0	0.0
nursing.....	2.1	3.0	0.6	2.0	2.0	1.5	1.1	3.2	2.4	2.8	0.0
pharmacy.....	0.6	0.5	0.5	0.4	0.8	0.3	1.1	1.3	0.3	0.4	0.0
premed, premed, prevet.....	3.3	2.6	5.1	4.1	2.0	2.5	1.4	1.7	1.1	0.8	3.1
therapy (phys, occupat, etc).....	1.9	2.5	1.0	1.4	2.4	1.6	2.7	3.5	0.9	0.5	3.8
other professional.....	1.9	3.5	0.9	1.6	1.5	1.2	1.6	2.0	1.0	1.1	0.0
Social Sciences											
anthropology.....	0.4	0.8	0.4	0.0	0.5	0.7	0.2	0.4	0.5	0.6	0.0
economics.....	0.5	0.3	0.9	0.3	0.7	0.7	0.0	1.2	0.0	0.0	0.0
ethnic studies.....	0.1	0.0	0.2	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0
geography.....	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0
political science.....	2.3	1.5	2.6	2.8	2.4	1.9	1.2	3.8	0.0	0.0	0.0
psychology.....	4.3	3.8	4.6	3.1	6.0	5.2	5.6	7.5	2.0	2.3	0.0
social work.....	2.4	1.9	1.5	3.0	2.7	2.2	4.7	2.4	3.4	3.6	2.5
sociology.....	0.7	1.0	0.5	0.9	0.4	0.5	0.5	0.0	0.0	0.0	0.0
women's studies.....	0.2	0.0	0.2	0.0	0.5	0.3	0.0	1.1	0.0	0.0	0.0
other social sciences.....	1.0	0.5	1.2	1.6	0.7	0.5	0.7	0.8	0.1	0.0	1.1
Technical											
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	0.0
data processing, computer prog....	1.0	0.0	0.2	2.6	0.4	0.1	0.5	0.7	0.6	0.7	0.0
drafting or design.....	0.3	0.5	0.3	0.3	0.4	0.7	0.0	0.0	0.4	0.4	0.0
electronics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0
mechanics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	0.0
other technical.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0
Other Fields											
agriculture.....	0.4	0.6	0.6	0.3	0.1	0.1	0.0	0.0	1.2	1.4	0.0
communications.....	2.1	0.1	1.0	3.7	2.6	4.1	0.4	1.4	2.5	2.7	1.4
computer science.....	1.2	1.0	1.7	1.0	1.3	1.5	1.6	0.9	1.7	1.6	2.2
forestry.....	0.1	0.0	0.0	0.1	0.1	0.1	0.4	0.0	0.0	0.0	0.0
law enforcement.....	0.2	0.0	0.0	0.3	0.5	0.4	0.7	0.4	0.3	0.3	0.0
military science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0
other field.....	1.0	1.1	1.0	0.9	0.9	0.9	0.1	1.4	2.4	2.7	0.0
undecided.....	4.2	5.2	3.6	3.6	4.2	4.8	2.6	4.1	0.7	0.9	0.0

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv	
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
HOURS PER WEEK IN THE PAST YEAR SPENT ON												
Reading for Pleasure												
none.....	22.2	20.0	20.8	24.6	22.1	21.9	25.5	20.3	25.9	26.3	23.2	
less than one.....	29.8	27.6	31.0	31.0	30.2	33.8	25.7	27.3	21.1	20.2	27.1	
1 - 2.....	27.9	30.7	29.0	25.4	27.3	24.1	31.3	29.9	27.4	29.5	14.4	
3 - 5.....	13.8	13.6	14.3	13.2	14.6	13.9	13.2	16.3	13.3	10.4	31.7	
6 - 10.....	4.5	5.5	3.5	4.2	4.1	4.2	3.7	4.3	5.2	5.7	1.6	
11 - 15.....	1.0	1.6	0.7	0.9	0.9	0.9	0.4	1.2	2.2	2.4	1.0	
16 - 20.....	0.5	0.7	0.3	0.4	0.5	0.6	0.1	0.4	0.3	0.2	0.9	
over 20.....	0.3	0.3	0.4	0.3	0.3	0.5	0.1	0.3	4.6	5.3	0.0	
Using a Personal Computer												
none.....	27.0	28.7	17.2	30.2	25.4	23.5	23.2	29.7	36.2	35.0	43.4	
less than one.....	18.0	24.3	14.1	15.1	16.4	15.6	18.1	16.7	18.3	19.0	14.4	
1 - 2.....	19.3	18.0	21.5	20.4	18.6	18.5	16.4	20.3	16.7	17.5	11.9	
3 - 5.....	20.1	18.7	23.9	20.0	20.1	18.5	27.2	18.3	17.6	17.5	18.5	
6 - 10.....	8.4	4.9	14.3	7.2	11.3	14.8	7.8	8.0	5.7	5.8	4.7	
11 - 15.....	3.5	2.9	4.5	3.2	4.2	4.6	3.7	3.8	2.9	2.4	5.9	
16 - 20.....	2.0	1.6	2.0	2.4	2.0	2.6	1.8	1.2	0.8	0.9	0.0	
over 20.....	1.6	0.9	2.5	1.6	1.9	1.8	1.9	2.0	1.7	1.8	1.3	
Partying												
none.....	14.1	7.5	8.7	17.7	19.0	15.3	17.5	25.3	22.7	23.8	16.0	
less than one.....	12.0	10.3	8.5	13.9	12.8	12.5	9.8	15.1	8.9	7.8	15.7	
1 - 2.....	17.9	19.2	18.5	17.9	16.4	18.1	17.4	13.2	16.6	16.0	20.7	
3 - 5.....	23.0	26.2	26.6	18.0	24.2	24.6	28.0	21.2	21.8	23.2	12.5	
6 - 10.....	17.3	18.2	18.6	18.4	14.6	15.4	13.5	13.9	11.7	12.0	9.9	
11 - 15.....	6.3	8.6	10.6	3.8	5.4	6.3	4.4	4.5	8.8	9.2	6.0	
16 - 20.....	3.6	4.5	3.8	2.8	3.6	3.7	5.0	2.6	3.8	2.4	13.2	
over 20.....	5.7	5.6	4.7	7.5	4.1	4.0	4.3	4.2	5.7	5.7	6.0	
Working (for Pay)												
none.....	26.0	27.2	25.2	28.4	22.0	24.3	18.8	20.5	30.0	31.5	20.7	
less than one.....	1.7	1.6	1.6	1.7	1.8	2.3	0.5	2.0	1.3	1.5	0.1	
1 - 2.....	2.9	4.8	3.1	1.5	2.7	2.9	1.8	2.9	1.2	1.2	0.6	
3 - 5.....	5.8	2.3	8.3	4.8	9.6	10.4	4.9	11.3	4.0	4.1	3.3	
6 - 10.....	14.5	15.7	21.8	10.6	14.9	14.6	11.8	17.2	16.4	17.0	12.2	
11 - 15.....	12.9	13.2	15.7	11.4	13.4	13.7	13.9	12.6	8.9	7.1	20.0	
16 - 20.....	16.1	16.0	13.7	17.4	15.5	15.4	20.3	12.7	15.2	15.2	15.2	
over 20.....	20.1	19.2	10.5	24.1	20.1	16.4	28.1	20.8	23.0	22.2	27.9	
Volunteer Work												
none.....	61.7	65.9	55.9	63.0	58.0	56.8	68.1	53.9	65.5	65.0	69.0	
less than one.....	14.5	14.0	15.9	13.8	15.2	16.6	10.5	15.9	13.1	12.0	20.2	
1 - 2.....	12.6	9.7	14.0	12.9	14.8	14.4	10.1	18.3	11.6	12.9	3.5	
3 - 5.....	5.5	5.1	8.8	4.4	5.8	6.0	6.2	5.4	2.0	1.9	3.3	
6 - 10.....	3.4	3.6	4.0	2.9	3.7	3.7	4.0	3.4	6.5	7.0	3.3	
11 - 15.....	0.6	0.7	0.5	0.4	0.7	0.8	0.2	0.8	0.7	0.9	0.0	
16 - 20.....	0.5	0.7	0.3	0.5	0.6	0.5	0.7	0.5	0.3	0.3	0.2	
over 20.....	1.2	0.3	0.6	2.1	1.2	1.2	0.1	1.8	0.2	0.1	0.6	

1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv	
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
HOURS PER WEEK IN THE PAST YEAR SPENT ON												
Classes/Labs												
none.....	1.0	0.4	1.9	1.0	1.1	0.6	1.1	2.0	1.1	1.2	0.4	
less than one.....	1.2	0.6	0.0	2.6	0.5	0.3	0.2	1.0	0.8	0.9	0.8	
1 - 2.....	3.1	2.8	0.8	3.7	3.6	3.0	6.3	2.9	3.6	3.4	4.7	
3 - 5.....	6.4	4.2	5.8	8.5	6.4	5.0	8.0	7.6	12.2	12.8	8.2	
6 - 10.....	13.5	12.2	15.9	12.7	14.9	19.5	10.7	10.2	12.7	13.5	8.0	
11 - 15.....	31.1	33.9	32.5	27.6	31.7	30.0	36.4	31.5	28.3	28.2	29.3	
16 - 20.....	29.8	32.7	29.9	28.1	29.0	26.9	30.0	31.6	27.4	25.8	37.4	
over 20.....	14.0	13.1	13.1	15.8	12.9	14.7	7.4	13.2	13.8	14.2	11.2	
Studying/Homework												
none.....	0.1	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.7	0.9	0.0	
less than one.....	2.3	1.2	0.1	5.1	0.8	0.5	2.5	0.3	0.8	0.7	1.7	
1 - 2.....	4.3	6.1	2.8	3.6	4.2	6.5	2.5	1.6	9.8	10.2	7.3	
3 - 5.....	17.7	15.5	10.9	19.8	20.4	24.7	16.9	15.9	18.7	19.2	16.0	
6 - 10.....	27.6	29.9	25.6	26.6	27.2	23.7	29.4	31.2	30.4	28.8	40.9	
11 - 15.....	20.1	19.6	20.8	21.4	18.7	17.2	17.0	22.2	17.3	17.6	15.8	
16 - 20.....	13.6	13.3	17.3	12.1	14.1	14.1	20.1	10.6	10.3	10.1	11.5	
over 20.....	14.3	14.5	22.6	11.1	14.6	13.4	11.7	18.1	11.8	12.6	6.8	
Socializing with Friends												
none.....	0.6	0.0	0.1	1.2	0.7	1.1	0.4	0.2	0.7	0.8	0.0	
less than one.....	1.8	1.0	0.3	1.6	3.4	1.7	7.4	3.7	1.1	1.3	0.0	
1 - 2.....	6.5	3.5	2.9	11.2	5.5	6.5	4.9	4.3	15.2	17.3	2.1	
3 - 5.....	15.4	15.9	11.5	15.5	16.2	13.2	23.6	16.3	16.7	17.3	13.1	
6 - 10.....	26.0	26.4	28.0	26.4	24.4	24.2	22.3	26.0	21.9	20.0	33.9	
11 - 15.....	18.1	21.6	23.6	14.8	16.4	17.3	13.1	16.9	14.7	15.0	12.7	
16 - 20.....	11.3	10.1	13.8	10.7	12.4	12.3	11.2	13.3	8.7	7.7	15.2	
over 20.....	20.2	21.5	19.7	18.5	21.0	23.8	17.0	19.3	20.9	20.5	23.0	
Talk with Faculty Outside Class												
none.....	8.0	9.1	8.3	9.2	5.2	6.2	5.3	3.5	9.8	9.6	11.3	
less than one.....	39.4	45.0	40.0	40.2	32.4	28.0	42.8	32.8	37.0	37.2	35.8	
1 - 2.....	35.6	34.6	37.8	32.2	39.7	43.2	33.0	38.1	38.6	39.3	34.1	
3 - 5.....	13.9	9.0	11.7	14.9	18.5	18.7	15.1	20.3	9.3	8.8	12.8	
6 - 10.....	2.5	2.1	1.7	2.8	2.9	2.4	2.9	3.6	2.3	2.0	4.6	
11 - 15.....	0.5	0.1	0.3	0.6	0.9	1.0	0.3	1.1	0.4	0.4	0.4	
16 - 20.....	0.1	0.0	0.3	0.0	0.4	0.4	0.5	0.4	2.6	2.8	1.0	
over 20.....	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	
Exercising/Sports												
none.....	6.6	4.3	5.0	9.7	5.7	6.1	6.2	4.9	11.0	12.2	3.4	
less than one.....	11.9	12.2	10.3	12.6	11.4	11.4	14.4	9.8	9.8	9.9	9.1	
1 - 2.....	23.8	22.7	21.8	26.5	22.5	21.5	24.3	22.8	19.0	18.9	19.7	
3 - 5.....	30.7	34.7	31.1	25.3	33.2	32.9	30.4	35.3	29.9	29.8	30.7	
6 - 10.....	17.0	17.4	22.9	15.3	16.0	15.3	13.0	19.0	24.0	24.0	23.9	
11 - 15.....	4.3	3.9	3.9	4.2	4.9	6.2	4.0	3.5	3.4	3.5	2.9	
16 - 20.....	2.5	2.1	1.9	2.9	2.8	2.9	3.3	2.2	1.0	1.0	0.8	
over 20.....	3.2	2.7	3.1	3.5	3.5	3.8	4.5	2.6	1.9	0.7	9.4	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

ALL STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot		All	Pub	Priv
HOURS PER WEEK IN THE PAST YEAR SPENT ON												
Student Clubs/Groups												
none.....	37.6	37.3	27.1	42.2	36.5	34.5	43.7	35.1		55.1	57.3	40.7
less than one.....	13.1	12.7	11.6	13.9	13.2	13.2	15.2	12.2		10.3	8.9	19.9
1 - 2.....	22.9	22.5	24.7	23.7	21.4	22.7	19.6	20.5		22.1	22.5	19.5
3 - 5.....	15.5	16.2	19.3	12.3	17.0	17.4	14.3	18.1		7.3	6.6	11.4
6 - 10.....	6.5	6.7	10.5	4.3	7.3	7.7	4.7	8.4		3.6	3.3	5.5
11 - 15.....	2.3	3.1	3.1	1.3	2.3	2.3	1.3	2.9		0.9	0.8	2.0
16 - 20.....	0.9	0.5	1.3	1.0	1.0	1.2	0.5	1.1		0.4	0.5	0.0
over 20.....	1.3	1.0	2.5	1.2	1.2	1.1	0.9	1.6		0.3	0.2	0.9
Watching TV												
none.....	7.8	4.5	14.2	8.4	7.8	8.3	6.0	8.3		5.0	5.2	3.9
less than one.....	11.9	11.5	12.2	11.9	12.2	11.0	10.2	15.2		12.8	13.7	7.2
1 - 2.....	20.3	17.0	19.3	21.4	22.7	21.2	23.4	24.4		21.5	20.8	26.1
3 - 5.....	29.0	32.2	25.9	27.5	28.5	29.5	27.2	27.8		29.9	29.7	31.1
6 - 10.....	17.2	18.6	18.4	16.9	15.6	15.5	19.5	13.3		12.8	13.3	9.9
11 - 15.....	8.1	11.0	7.3	6.3	7.8	8.5	7.8	6.6		8.8	8.2	12.8
16 - 20.....	2.7	3.7	1.5	2.1	3.0	3.4	3.7	1.9		3.2	3.2	3.3
over 20.....	3.1	1.5	1.2	5.6	2.5	2.5	2.3	2.5		5.8	5.8	5.8
Commuting to Campus												
none.....	37.7	31.6	52.2	28.5	49.3	52.4	33.5	54.0		32.3	32.5	31.3
less than one.....	19.3	21.8	18.1	21.5	14.7	13.1	12.3	18.4		15.5	16.5	8.8
1 - 2.....	17.3	22.5	14.4	16.8	13.8	14.8	13.7	12.3		15.3	14.5	20.1
3 - 5.....	16.2	17.8	9.2	19.4	13.5	11.4	24.5	10.1		13.8	13.2	17.8
6 - 10.....	6.7	5.8	4.1	8.3	6.7	6.0	13.8	3.6		9.7	8.7	16.1
11 - 15.....	1.3	0.5	1.6	2.1	1.0	1.2	1.5	0.5		7.1	8.1	0.5
16 - 20.....	0.2	0.1	0.2	0.3	0.2	0.4	0.0	0.1		1.6	1.1	4.6
over 20.....	1.2	0.0	0.1	3.0	0.8	0.7	0.5	1.0		4.7	5.3	0.7
Religious Services/Meetings												
none.....	48.6	53.6	52.8	46.6	44.0	48.5	41.7	38.7		56.0	59.3	35.1
less than one.....	17.2	21.4	14.1	17.0	14.2	12.7	19.6	13.1		17.3	17.6	15.5
1 - 2.....	25.9	20.9	27.5	26.8	29.2	27.0	31.4	31.4		21.1	20.3	26.4
3 - 5.....	5.9	3.0	3.5	6.1	9.6	9.1	5.4	12.9		4.4	2.1	19.4
6 - 10.....	1.6	0.4	1.4	2.3	2.1	1.8	1.7	2.8		0.9	0.6	2.8
11 - 15.....	0.6	0.6	0.5	0.6	0.5	0.6	0.0	0.8		0.1	0.0	0.7
16 - 20.....	0.2	0.1	0.3	0.1	0.3	0.3	0.0	0.4		0.0	0.0	0.2
over 20.....	0.1	0.0	0.0	0.4	0.1	0.0	0.3	0.0		0.2	0.2	0.0
Hobbies												
none.....	23.6	21.5	24.3	23.4	25.8	26.2	26.9	24.5		22.5	23.5	16.2
less than one.....	20.5	20.0	20.7	21.6	19.6	19.3	19.2	20.3		23.7	26.1	8.4
1 - 2.....	27.7	29.9	27.1	24.5	29.7	26.9	31.9	32.7		26.7	25.1	36.9
3 - 5.....	18.4	16.9	18.3	20.8	17.0	18.6	14.4	16.2		14.2	13.5	18.3
6 - 10.....	6.0	6.6	7.7	5.8	5.1	6.2	3.4	4.5		7.0	5.6	16.1
11 - 15.....	1.5	2.3	1.1	1.0	1.4	1.5	2.8	0.5		2.2	2.2	2.6
16 - 20.....	0.7	1.4	0.0	0.4	0.4	0.5	0.3	0.3		0.9	0.8	1.5
over 20.....	1.6	1.5	0.8	2.5	1.0	0.9	1.1	1.1		2.7	3.2	0.0

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Year Graduated from High School												
1985.....	97.9	96.8	100.0	97.9	98.2	98.8	95.6	98.2		87.7	86.9	92.4
1984.....	1.1	1.4	0.0	1.3	1.1	0.9	0.6	1.8		2.1	2.1	2.5
1983.....	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0		1.0	0.8	2.3
1982 or earlier.....	0.8	1.6	0.0	0.7	0.3	0.2	1.0	0.0		2.7	2.8	2.1
H.S. equivalency (G.E.D. test)...	0.1	0.0	0.0	0.2	0.1	0.0	0.5	0.0		5.8	6.6	0.7
never completed high school.....	0.1	0.0	0.0	0.0	0.3	0.0	2.3	0.0		0.6	0.7	0.0
Age on December 31, 1989												
20 or younger.....	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
21.....	1.2	0.7	3.3	1.1	1.0	0.4	2.3	1.4		0.8	0.8	0.7
22.....	74.6	73.2	76.9	74.8	74.9	78.1	70.4	70.7		68.6	69.8	60.4
23.....	22.3	24.0	19.3	21.3	23.1	20.8	24.6	26.7		17.4	15.1	32.8
24.....	1.0	0.5	0.0	1.9	0.8	0.3	1.8	1.2		4.7	4.8	3.9
25-28.....	0.8	1.6	0.0	0.8	0.2	0.2	0.5	0.0		1.3	1.2	2.1
29-33.....	0.0	0.0	0.0	0.0	0.1	0.1	0.5	0.0		5.3	6.1	0.0
34-43.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.5	0.5	0.0
44-58.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.5	0.5	0.0
59 or older.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1.0	1.1	0.0
Racial Background (1)												
White/Caucasian.....	85.7	91.8	86.4	77.7	89.2	85.8	91.4	94.7		92.9	95.3	76.6
Black/Negro/Afro-American.....	8.7	5.2	2.0	14.6	8.0	12.1	2.2	3.0		4.6	4.3	6.3
American Indian.....	1.2	2.2	0.2	0.9	0.8	0.9	0.3	0.9		2.5	0.3	17.1
Asian-American/Oriental.....	3.2	2.7	9.3	2.8	1.5	1.4	2.0	1.5		0.0	0.0	0.0
Mexican-American/Chicano.....	1.0	0.9	1.5	0.7	1.4	0.9	4.3	0.8		0.0	0.0	0.0
Puerto Rican-American.....	0.4	0.3	0.0	0.7	0.3	0.3	0.0	0.6		0.0	0.0	0.0
other.....	2.4	1.2	1.7	4.9	0.7	0.7	0.8	0.5		0.3	0.4	0.0
Miles from Home to College												
5 or less.....	5.6	5.6	2.6	6.8	5.3	5.4	10.4	2.6		9.5	10.3	3.8
6-10.....	5.9	8.7	5.1	4.8	4.4	3.6	8.2	3.9		12.5	14.4	0.0
11-50.....	22.3	15.1	17.2	32.6	19.4	17.8	25.8	19.2		36.6	36.6	36.5
51-100.....	18.8	20.4	9.1	20.3	19.3	16.8	18.5	24.7		10.7	11.3	7.0
101-500.....	34.8	45.1	35.1	24.9	35.9	36.6	28.5	38.2		27.8	26.5	36.6
more than 500.....	12.7	5.1	31.0	10.6	15.8	19.8	8.6	11.4		2.9	0.8	16.0
Marital Status in 1985												
not presently married.....	99.8	100.0	100.0	99.5	99.9	100.0	99.3	100.0		93.2	92.2	100.0
married, living with spouse.....	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0		6.8	7.8	0.0
married, not living with spouse.....	0.0	0.0	0.0	0.0	0.1	0.0	0.7	0.0		0.0	0.0	0.0
Marital Status in 1989												
not presently married.....	93.8	95.5	98.6	89.5	95.2	94.8	99.6	93.7		87.8	86.7	95.1
married, living with spouse.....	5.9	3.9	1.4	10.3	4.5	4.7	0.4	6.3		12.2	13.3	4.9
married, not living with spouse.....	0.3	0.6	0.0	0.2	0.3	0.5	0.0	0.0		0.0	0.0	0.0

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MALE STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Average High School Grade											
A or A+.....	13.5	14.4	35.9	8.3	8.9	9.3	9.2	7.8	1.2	1.3	1.0
A-.....	13.2	14.4	22.5	9.4	12.5	12.1	11.8	13.5	4.1	3.6	7.8
B+.....	18.8	22.6	19.9	14.8	19.0	19.7	24.0	15.0	11.3	12.6	3.1
B.....	22.5	23.5	13.5	25.8	21.1	19.2	22.6	24.1	23.1	25.9	5.8
B-.....	12.3	13.6	6.7	10.0	16.5	15.2	18.0	18.3	16.1	15.1	22.4
C+.....	12.5	8.6	1.4	18.9	13.7	14.9	8.9	13.8	24.1	25.9	12.5
C.....	6.1	2.6	0.2	9.6	8.3	9.5	5.6	7.4	17.7	15.6	31.4
D.....	1.1	0.2	0.0	3.2	0.0	0.0	0.0	0.0	2.2	0.0	16.0
Average Undergraduate Grade											
A.....	5.0	5.4	13.4	2.6	3.8	3.0	4.5	5.0	1.4	1.5	0.3
B+,A-.....	22.5	21.6	37.3	16.5	24.5	24.6	24.7	24.3	12.4	13.0	8.8
B.....	33.5	35.9	28.4	33.1	33.4	32.3	35.7	34.6	40.4	42.2	29.4
C+,B-.....	26.2	26.6	17.3	29.5	25.5	25.6	25.2	25.5	25.2	24.1	32.3
C.....	9.2	7.8	2.7	12.2	9.9	11.2	9.2	7.7	15.8	16.2	13.2
C- or less.....	3.6	2.7	0.8	6.0	2.9	3.4	0.7	3.0	4.8	3.1	16.0
Degree Aspirations in 1985											
none.....	2.3	3.5	0.9	3.0	0.7	0.2	1.4	1.2	1.7	1.6	2.3
vocational certificate.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.6	0.0
associate (A.A. or equivalent).....	0.4	0.6	0.0	0.0	0.9	0.5	0.5	1.7	14.9	17.0	4.4
bachelor's (B.A., B.S., etc.).....	31.3	35.1	11.9	37.6	28.8	30.3	31.6	24.8	46.6	45.4	52.2
master's (M.A., M.S., etc.).....	35.1	30.0	40.4	35.6	37.9	36.4	42.7	38.4	30.6	30.1	33.1
Ph.D. or Ed.D.....	14.1	16.4	19.1	12.3	11.0	12.2	7.0	10.9	1.9	1.8	2.3
M.D., D.O., D.D.S., D.V.M.....	8.5	9.4	20.7	2.1	9.1	9.5	7.1	9.3	1.2	1.4	0.0
LL.B. or J.D. (law).....	6.6	4.2	5.2	7.7	8.8	10.0	5.8	7.9	0.7	0.0	4.4
B.D. or M.Div. (divinity).....	0.5	0.2	0.2	0.0	1.6	0.1	0.5	4.9	0.2	0.0	1.3
other.....	1.2	0.6	1.6	1.7	1.2	0.9	3.4	0.7	0.0	0.0	0.0
Highest Degree Earned by 1989											
none.....	43.0	47.9	23.0	55.2	31.6	32.0	26.5	33.6	35.2	32.2	51.8
vocational certificate.....	1.5	1.8	0.5	1.9	1.1	1.7	1.0	0.0	4.4	5.2	0.2
associate (A.A. or equivalent).....	5.8	9.8	0.0	5.1	5.1	7.1	5.4	1.2	39.0	41.9	23.3
bachelor's (B.A., B.S., etc.).....	49.0	39.3	76.5	37.7	60.7	58.3	65.8	62.5	19.2	18.5	23.1
master's (M.A., M.S., etc.).....	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.3	0.3	0.0	1.7
Ph.D. or Ed.D.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
M.D., D.O., D.D.S., D.V.M.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J.D. or LL.B. (law).....	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0
B.D. or M.Div. (divinity).....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.5	0.0
other.....	0.7	1.2	0.0	0.0	1.3	0.9	0.7	2.2	0.7	0.8	0.0
Degree Aspirations in 1989											
none.....	2.3	1.9	2.0	2.8	2.1	3.0	1.2	1.0	3.6	4.2	0.0
vocational certificate.....	0.1	0.4	0.0	0.0	0.1	0.3	0.0	0.0	1.7	2.0	0.0
associate (A.A. or equivalent).....	0.4	0.3	0.0	0.5	0.7	0.0	0.7	2.1	7.4	8.0	4.1
bachelor's (B.A., B.S., etc.).....	29.7	37.9	9.6	32.4	26.4	27.5	32.2	21.4	35.5	29.0	71.4
master's (M.A., M.S., etc.).....	35.8	31.2	42.5	32.1	42.5	41.9	41.9	43.9	22.8	24.5	13.3
Ph.D. or Ed.D.....	14.6	13.1	18.6	15.6	13.2	13.7	10.1	13.9	21.2	24.0	5.4
M.D., D.O., D.D.S., D.V.M.....	5.7	4.4	12.1	6.2	3.6	3.2	1.5	5.3	0.4	0.0	2.3
J.D. or LL.B. (law).....	9.3	9.2	13.6	8.2	8.4	7.7	9.6	9.1	1.1	1.2	0.8
B.D. or M.Div. (divinity).....	0.2	0.0	0.0	0.0	1.0	0.4	1.4	1.8	0.1	0.0	0.9
other.....	1.9	1.7	1.5	2.2	2.0	2.4	1.4	1.4	6.2	7.0	1.7

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Freshman College was Student's												
first choice.....	69.2	73.6	70.7	63.7	70.6	68.7	75.4	71.9		69.6	71.5	57.8
second choice.....	19.7	15.8	20.6	21.9	20.9	21.0	18.5	22.0		22.2	23.4	14.4
third choice.....	8.4	7.6	5.2	12.6	5.4	6.3	4.6	4.1		3.3	2.1	10.6
less than third choice.....	2.7	3.0	3.6	1.8	3.1	4.0	1.6	2.0		4.9	3.0	17.3
College Experiences Noted Very Satisfactory or Satisfactory (2)												
science and mathematics courses..	64.0	60.5	69.5	66.2	62.7	59.2	61.3	70.9		63.5	66.8	43.2
humanities courses.....	68.5	66.1	76.1	64.9	72.6	70.0	72.5	78.1		57.2	60.0	39.4
social science courses.....	68.9	68.1	68.5	67.5	72.2	68.9	68.5	80.7		62.7	65.7	47.2
courses in major field.....	83.7	82.2	84.8	83.8	84.8	84.6	84.6	85.5		75.3	76.4	66.4
general education requirements..	60.6	56.2	67.0	59.9	63.6	62.0	62.1	67.6		63.7	65.7	51.3
relevance of coursework to life..	49.7	41.4	55.4	50.2	56.3	55.4	53.3	59.4		43.9	46.8	25.9
overall quality of instruction..	73.3	68.0	79.1	70.4	80.3	78.7	82.1	82.5		71.5	73.8	56.3
lab facilities and equipment....	60.3	58.2	69.1	61.2	57.7	60.1	46.9	58.4		66.9	72.6	36.7
library facilities.....	75.1	84.7	70.8	74.8	66.2	67.6	62.6	65.4		81.3	84.6	60.7
computer facilities.....	74.1	78.3	76.5	74.5	67.6	71.8	59.0	64.0		72.9	76.1	53.7
oppty for interdisciplin courses	53.7	50.9	60.2	50.1	57.6	58.0	58.1	56.5		37.8	39.9	25.1
oppty to talk to professors.....	75.4	63.0	76.2	75.2	89.7	90.0	88.0	90.1		65.2	63.9	73.3
oppty for extracurr activities..	81.1	78.0	82.0	80.9	84.5	84.2	80.8	87.1		67.6	64.0	88.3
campus social life.....	63.7	75.4	58.4	56.5	62.0	61.8	60.7	63.0		67.1	64.6	82.2
regulations on campus life.....	38.7	43.8	39.4	32.1	41.0	44.0	37.0	37.4		45.7	45.9	44.2
academic tutoring or assistance..	55.8	47.4	54.5	52.4	70.3	73.5	56.7	71.4		61.4	62.2	55.9
academic advising.....	41.8	31.9	38.9	39.7	57.7	54.0	57.5	65.2		56.7	59.6	38.6
career counseling and advising..	41.3	34.9	44.3	44.4	43.5	42.1	43.6	46.3		44.0	46.3	29.6
personal counseling.....	39.4	31.1	44.7	33.6	53.8	57.5	48.9	49.5		41.1	43.3	27.4
student housing.....	51.2	54.0	57.2	43.3	55.4	53.1	55.4	59.7		51.4	53.4	42.9
financial aid services.....	41.1	38.4	47.3	36.9	46.8	40.9	51.5	54.7		49.3	44.7	88.5
contact with faculty and admin..	61.0	44.5	61.4	61.1	80.0	79.2	77.4	82.8		52.5	49.2	73.6
relations with faculty & admin..	66.1	54.2	64.5	67.6	78.8	78.5	75.9	80.7		58.2	58.2	58.3
oppty to attend films,concerts..	68.6	80.1	79.2	53.7	70.1	70.5	64.6	72.2		66.1	67.2	59.5
job placement services.....	47.7	55.7	52.9	43.1	43.0	46.6	35.0	41.1		42.2	40.9	53.8
campus health services.....	62.8	66.2	57.3	63.1	61.3	64.6	60.8	54.4		47.6	47.8	46.9
overall college experience.....	76.2	76.9	77.3	73.3	78.8	81.1	77.3	75.1		74.3	74.8	70.9
Enroll at Freshman College Again												
definitely yes.....	33.0	35.9	43.2	27.6	32.2	31.0	36.9	32.2		28.0	30.0	15.2
probably yes.....	31.5	33.3	27.4	31.9	31.0	31.0	35.1	28.9		33.5	34.7	26.0
don't know.....	3.9	4.3	3.7	3.4	4.4	4.2	3.5	5.2		7.6	8.1	4.6
probably not.....	18.0	17.4	13.5	20.5	17.2	18.5	12.2	17.3		18.1	18.7	13.9
definitely not.....	13.6	9.1	12.2	16.7	15.2	15.4	12.3	16.3		12.8	8.5	40.3

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MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Student Took Time Off, Withdrew or Transferred												
no.....	66.2	68.0	78.7	62.2	63.3	62.1	69.7	62.4	61.9	63.2	48.7	
transferred.....	17.3	17.1	13.5	13.3	24.4	23.2	20.7	28.7	17.0	15.4	33.2	
withdrew.....	9.9	5.8	4.5	19.3	5.2	7.0	2.2	3.1	16.7	17.5	8.9	
leave of absence.....	6.6	9.0	3.4	5.2	7.1	7.7	7.4	5.7	4.4	3.9	9.1	
Reasons Noted as Very Important for Taking Time Off (3)												
reconsider goals & interests....	51.7	44.9	44.9	62.9	43.8	49.8	14.8	44.0	39.8	38.6	43.6	
changed career plans.....	28.9	22.3	30.3	33.9	27.8	34.4	7.3	23.1	29.6	32.1	21.4	
wanted practical experience....	20.6	14.3	11.9	29.6	16.1	17.6	5.7	17.5	14.6	17.8	4.5	
didn't "fit in".....	20.3	18.1	22.4	21.4	20.2	11.3	23.9	35.7	11.4	12.4	8.1	
was bored with course work.....	12.3	22.1	18.9	6.8	9.1	8.1	8.1	11.3	28.4	35.3	6.7	
wanted better acad. reputation..	10.8	11.9	13.0	6.0	16.1	8.7	15.7	30.7	24.5	16.6	49.8	
wanted better social life.....	22.3	12.0	16.7	33.0	17.9	8.7	23.5	33.5	5.1	4.9	5.8	
wanted to be closer to home.....	6.4	6.8	15.2	4.4	6.5	4.3	0.0	13.6	4.8	3.8	8.0	
had good job offer.....	10.2	4.3	0.0	19.0	5.8	5.1	5.0	7.7	7.8	8.5	5.4	
wasn't doing well academically..	27.9	24.7	19.5	40.0	16.1	13.6	13.4	21.8	19.0	21.6	10.8	
family responsibilities.....	9.2	7.1	9.0	14.1	4.1	4.6	0.0	4.9	18.8	22.1	8.3	
tired of being student.....	15.8	6.5	12.2	29.8	5.2	4.3	3.0	7.7	5.3	6.2	2.2	
couldn't afford college.....	35.3	24.3	20.6	49.9	28.4	37.8	23.2	11.8	30.3	27.0	40.6	
wanted wider course selection...	16.0	18.3	5.5	9.3	26.4	19.1	18.5	44.1	27.3	19.3	52.5	
ENROLLMENT STATUS												
First Year												
attended first college full-time	98.3	98.8	98.7	96.7	99.5	99.3	99.6	100.0	92.2	90.8	99.8	
attended first college part-time	0.7	1.2	0.9	0.6	0.1	0.0	0.4	0.0	7.0	8.2	0.0	
attended diff college full-time.	1.0	0.0	0.4	2.7	0.3	0.6	0.0	0.0	0.4	0.4	0.2	
attended diff college part-time.	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.4	0.5	0.0	
not enrolled.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Second Year												
attended first college full-time	80.3	79.5	87.5	82.4	75.2	73.9	85.5	72.5	72.1	74.7	53.9	
attended first college part-time	3.4	5.2	1.1	4.0	1.7	1.7	2.0	1.5	9.2	10.5	0.2	
attended diff college full-time.	10.5	10.4	6.7	7.4	16.3	16.3	10.2	19.4	10.5	9.6	17.1	
attended diff college part-time.	1.1	1.6	1.0	0.3	1.5	0.6	2.0	3.1	3.6	0.3	26.5	
not enrolled.....	4.6	3.3	3.7	5.9	5.3	7.4	0.4	3.6	4.6	4.9	2.3	
Third Year												
attended first college full-time	72.7	74.4	76.7	72.5	68.9	67.3	75.5	68.3	26.6	31.0	6.0	
attended first college part-time	2.7	2.6	1.3	2.7	3.5	4.6	2.2	2.2	4.6	5.2	1.9	
attended diff college full-time.	15.7	13.6	14.9	14.1	20.7	20.3	18.9	22.6	38.8	33.8	61.9	
attended diff college part-time.	3.5	3.6	3.8	3.4	3.3	3.3	0.8	4.5	5.2	5.2	4.9	
not enrolled.....	5.4	5.8	3.3	7.4	3.6	4.5	2.6	2.5	24.9	24.8	25.3	
Fourth Year												
attended first college full-time	74.6	76.2	77.4	74.6	71.3	70.9	77.0	69.2	35.4	40.0	9.1	
attended first college part-time	2.2	2.3	2.1	2.7	1.4	0.8	2.0	2.4	0.5	0.5	0.0	
attended diff college full-time.	12.1	9.3	13.7	8.6	19.0	18.4	15.3	21.9	33.9	27.6	69.7	
attended diff college part-time.	3.9	5.9	2.2	3.5	2.6	3.2	1.8	2.1	3.7	4.0	2.3	
not enrolled.....	7.2	6.3	4.6	10.6	5.7	6.8	3.9	4.4	26.6	27.9	18.9	

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MALE STUDENTS	Four-year Colleges										Two-year Colleges		
	All 4-yr	Universities											
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv		
Events Considered Very Likely to Occur (in 1985)													
be elected to student office....	6.2	1.7	2.5	10.8	7.7	9.6	3.5	5.8	4.4	4.4	4.4		
be satisfied with college.....	51.4	49.1	68.2	45.9	52.4	56.3	44.5	48.7	49.2	52.5	27.6		
change career choice.....	14.8	13.0	19.0	15.9	13.3	15.7	11.3	9.5	5.0	5.4	2.6		
change major field.....	17.3	15.2	18.4	22.6	13.0	14.2	12.0	11.0	8.4	6.9	18.4		
drop out permanently.....	2.5	0.3	1.2	7.1	0.3	0.4	0.0	0.2	2.5	0.3	17.1		
drop out temporarily.....	1.1	2.3	1.5	0.6	0.4	0.7	0.0	0.0	2.4	0.0	18.6		
get job to pay expenses.....	36.0	32.8	40.8	35.6	38.0	39.8	37.5	34.5	39.8	41.8	26.1		
get married while in college....	4.8	3.0	3.7	7.6	4.1	3.8	2.3	5.7	2.4	2.8	0.0		
graduate with honors.....	14.5	14.5	22.4	11.1	14.8	15.2	11.8	15.4	9.3	10.2	4.0		
join social frat or sorority....	20.7	19.9	22.1	19.9	21.7	21.5	17.6	24.4	15.5	17.2	4.5		
make at least "B" average.....	44.6	42.0	64.4	39.4	44.3	41.4	53.2	45.4	34.4	32.3	47.5		
participate in student protests..	5.8	5.0	10.9	2.6	8.1	11.3	2.2	4.8	2.1	2.4	0.0		
play varsity athletics.....	23.2	13.4	19.0	30.1	27.8	26.2	26.0	32.0	12.6	10.7	25.2		
transfer to another college.....	9.8	5.0	2.7	17.6	9.2	6.2	8.4	16.0	10.9	9.1	23.1		
work at outside job.....	15.3	17.7	13.2	15.1	14.0	13.5	16.5	13.8	21.5	23.2	10.6		
work full-time while attending..	1.9	1.3	2.5	2.4	1.6	2.3	0.9	0.6	3.0	2.8	5.0		
Events Occurring by 1989													
elected to student office.....	20.3	14.4	22.2	19.7	27.1	29.0	23.2	25.2	15.6	13.4	29.0		
satisfied with freshman coll (5)	75.7	76.3	76.7	73.0	78.0	80.1	76.1	74.8	72.5	72.8	70.9		
changed career choice (5).....	56.5	55.5	52.6	64.1	50.4	52.8	43.4	48.9	47.9	47.4	51.9		
changed major field (5).....	50.8	53.6	47.1	50.1	50.2	49.7	42.9	55.5	48.6	49.5	43.7		
dropped out permanently (5)....	9.7	5.8	4.5	18.4	5.1	6.9	2.2	3.1	15.7	17.2	5.9		
dropped out temporarily (5)....	6.5	9.0	3.3	5.0	6.9	7.5	7.3	5.6	4.1	3.8	6.0		
got part-time job on campus....	45.3	43.6	59.6	33.7	55.9	52.9	57.9	60.8	27.6	26.7	33.6		
got married.....	6.2	5.1	1.2	10.4	4.4	4.4	0.4	6.4	4.7	4.6	4.9		
graduated with honors.....	15.6	14.4	30.3	11.8	15.3	15.5	17.8	13.3	9.5	8.7	14.3		
joined social frat or sorority..	29.9	34.4	33.0	23.9	31.2	31.5	17.7	37.8	10.6	10.6	10.3		
made at least "B" average (5)...	61.0	62.9	79.1	52.2	61.7	59.8	64.9	63.8	54.2	56.7	38.5		
participated in student protests	17.5	13.0	21.7	13.0	26.6	33.9	16.8	17.4	10.8	11.9	4.5		
played intercollegiate athletics	37.5	23.2	29.4	49.8	41.2	42.2	39.9	39.8	28.8	26.2	44.6		
transferred before grad (5)....	16.9	16.9	13.5	12.7	24.0	22.9	20.5	28.1	16.0	15.1	21.8		
worked part-time job off-campus..	62.1	66.1	54.7	62.0	61.1	61.6	64.9	58.2	58.7	57.2	68.1		
worked full-time while student..	16.5	18.4	10.0	16.6	17.1	15.3	21.3	18.6	25.7	26.3	21.5		
Other College Activities													
assisted faculty teaching class.	12.8	11.2	14.2	8.7	19.3	19.1	13.1	23.1	8.3	8.5	6.6		
attended racial awareness wkshop	19.1	14.8	22.3	16.7	25.8	28.9	13.9	26.0	14.7	13.3	23.8		
enrolled in ethnic stud course..	23.9	22.3	25.2	22.0	27.7	29.3	20.8	28.1	7.5	7.7	6.5		
enrolled in honors program.....	43.1	38.6	60.3	42.8	40.5	40.6	32.7	44.4	20.3	20.1	21.5		
enrolled in interdisc course....	47.5	44.7	69.0	42.8	46.9	48.6	37.0	48.8	25.6	26.2	21.4		
enrolled in women's stud course.	7.1	7.5	10.3	5.4	7.5	10.1	4.5	4.1	3.3	1.9	11.8		
in college internship program...	26.5	23.5	25.3	31.9	23.7	20.9	25.7	28.1	14.7	16.2	5.0		
in study abroad program.....	8.2	5.9	15.2	4.0	12.8	13.2	9.5	13.7	4.3	4.0	6.2		
played intercoll foot/basketball	13.7	4.5	5.9	22.5	15.9	14.8	12.7	19.8	5.2	2.7	20.8		
purchased a personal computer...	21.7	19.9	30.5	21.6	19.8	23.1	16.5	15.0	25.1	22.5	41.3		
taken reading study/skills class	24.7	16.1	10.7	33.7	29.5	34.0	23.6	23.6	24.2	22.5	35.3		
taken remedial/develop course...	10.3	6.3	1.7	13.0	15.4	20.9	6.6	9.3	20.0	21.7	9.5		
voted in 1988 election.....	70.6	68.9	72.5	70.5	71.6	70.0	69.7	75.9	68.4	69.8	59.0		
worked on prof's research proj..	17.3	17.8	34.3	10.6	17.9	19.9	16.6	14.6	14.5	16.6	1.0		

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MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Have Met or Exceeded Recommended Years of High School Study (4)												
English (4 years).....	94.7	93.3	97.4	94.1	95.7	96.9	97.4	92.4		86.8	85.9	92.6
mathematics (3 years).....	93.4	95.3	97.8	89.5	93.8	94.7	97.0	90.5		79.7	78.5	86.6
foreign language (2 years).....	74.5	72.5	92.8	67.3	76.5	80.7	83.1	64.6		42.9	41.0	55.0
physical science (2 years).....	66.4	70.0	82.7	60.4	61.4	63.5	52.0	62.2		57.0	59.7	40.1
biological science (2 years).....	35.9	34.2	35.4	38.3	35.3	35.1	32.6	37.3		35.0	36.7	24.8
history or Am gov (1 year).....	99.6	99.6	100.0	99.5	99.5	99.5	100.0	99.4		99.7	99.7	100.0
computer science (1/2 year).....	64.5	62.6	66.7	64.6	65.4	64.0	67.8	67.1		56.8	57.9	48.3
art or music (1 year).....	54.5	56.4	52.9	54.2	53.3	54.7	53.3	50.7		59.3	61.4	43.6
Number of Undergraduate Courses Taken Which Emphasize:												
Writing Skills												
none.....	2.2	3.7	3.1	0.2	2.6	3.4	1.3	1.7		3.9	4.5	0.0
1 - 2.....	34.5	34.4	32.7	37.1	32.0	33.1	34.2	28.6		48.2	49.2	41.8
3 - 5.....	39.1	36.2	38.9	44.5	35.9	36.6	37.0	33.9		35.9	36.0	34.7
6 - 8.....	11.0	13.2	11.8	6.4	14.1	12.5	12.7	17.9		6.7	5.0	17.1
9 or more.....	13.1	12.5	13.5	11.7	15.4	14.4	14.8	17.8		5.3	5.2	6.4
Math/Understanding Numbers												
none.....	4.7	3.8	2.3	7.3	3.8	4.7	1.3	3.3		7.7	8.7	0.8
1 - 2.....	25.8	19.0	20.3	29.8	31.1	31.3	31.4	30.5		32.0	30.4	42.1
3 - 5.....	34.2	36.2	34.5	30.5	36.4	38.5	34.6	33.3		32.8	30.9	44.8
6 - 8.....	16.6	17.7	21.2	14.8	15.4	11.4	17.3	22.3		16.4	18.1	5.9
9 or more.....	18.7	23.4	21.7	17.7	13.3	14.0	15.5	10.6		11.1	11.9	6.3
Science/Scientific Inquiry												
none.....	2.5	2.2	4.1	1.4	3.5	2.2	6.3	4.5		19.0	21.8	0.7
1 - 2.....	36.5	24.4	27.8	43.3	45.8	51.2	52.4	31.7		40.1	36.6	62.4
3 - 5.....	27.5	32.0	23.5	24.9	27.3	23.9	18.2	38.7		25.2	24.8	27.9
6 - 8.....	10.0	15.3	6.9	8.4	7.5	8.6	5.5	6.4		5.1	5.6	2.0
9 or more.....	23.5	26.1	37.7	21.9	15.9	14.0	17.6	18.8		10.6	11.1	7.0
History/Historical Analysis												
none.....	6.8	11.1	8.9	3.5	5.0	5.2	6.2	4.0		22.0	25.5	0.0
1 - 2.....	40.7	41.4	37.2	41.0	41.2	44.8	40.2	34.8		41.4	42.7	32.8
3 - 5.....	35.6	32.2	35.9	36.6	38.0	36.0	37.4	42.3		31.4	26.9	59.7
6 - 8.....	9.8	8.8	9.6	13.0	7.1	7.7	8.0	5.4		2.5	2.3	4.0
9 or more.....	7.1	6.7	8.3	5.9	8.6	6.3	8.2	13.4		2.7	2.6	3.5
Foreign Language Skills												
none.....	55.7	55.7	41.1	64.9	50.5	53.0	48.9	46.7		75.8	79.9	49.7
1 - 2.....	27.7	25.4	31.1	24.5	32.9	30.2	37.1	36.0		18.1	14.1	43.7
3 - 5.....	12.4	15.4	20.8	7.3	11.7	12.6	8.5	11.8		5.4	5.4	5.3
6 - 8.....	2.6	1.8	4.4	2.5	3.0	2.7	3.8	3.3		0.0	0.0	0.0
9 or more.....	1.6	1.8	2.5	0.9	1.8	1.6	1.8	2.3		0.7	0.6	1.2

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Student Rated Self Above Average or Highest 10% in 1985												
academic ability.....	68.5	80.8	93.0	52.9	63.4	60.5	71.0	65.0		39.0	36.9	52.6
artistic ability.....	25.2	30.1	35.0	21.1	20.3	21.3	15.4	20.8		30.9	30.8	32.0
drive to achieve.....	67.1	74.0	82.6	58.8	63.0	60.6	69.1	64.6		53.8	53.8	53.8
emotional health.....	68.6	68.8	68.5	70.5	66.0	65.1	75.4	62.7		60.6	60.9	58.5
leadership ability.....	64.5	61.2	63.1	68.6	63.7	63.4	61.1	65.5		46.8	49.4	29.6
mathematical ability.....	54.8	61.2	75.1	46.8	48.4	48.5	53.4	45.7		34.6	35.7	27.9
physical health.....	73.3	74.7	70.9	71.7	74.7	74.9	80.1	71.4		61.8	61.4	64.5
popularity.....	53.2	50.5	48.8	59.5	50.0	48.5	53.0	51.4		37.3	39.2	24.7
self-confidence (intellectual)...	70.5	71.3	80.2	70.2	65.4	63.5	68.7	67.2		52.7	55.6	33.9
self-confidence (social).....	56.2	51.7	52.8	63.7	52.9	54.6	52.7	49.7		52.7	53.2	49.0
writing ability.....	45.1	49.0	62.2	37.7	42.3	40.9	46.4	43.0		28.1	28.6	24.6
in 1989												
academic ability.....	76.8	78.9	93.2	69.3	76.4	75.7	74.3	78.8		57.2	61.4	30.7
artistic ability.....	30.8	33.5	38.4	26.5	29.5	32.9	27.0	24.0		29.2	28.0	36.6
drive to achieve.....	71.0	72.4	83.1	66.6	69.2	67.5	70.7	71.7		66.2	63.9	80.6
emotional health.....	62.5	58.9	61.4	66.3	62.3	61.2	63.4	63.7		58.2	58.0	59.0
leadership ability.....	70.6	64.8	75.0	73.7	71.6	71.1	69.5	73.6		66.6	64.5	80.1
mathematical ability.....	52.3	52.5	71.4	49.5	46.6	44.2	55.3	46.7		42.2	45.3	22.3
physical health.....	67.5	64.5	66.0	75.0	62.4	59.1	65.9	67.1		54.1	52.4	64.9
popularity.....	55.6	52.3	56.2	61.1	52.3	52.2	55.0	51.1		51.9	52.8	46.1
self-confidence (intellectual)...	75.1	75.0	85.1	75.4	70.2	65.5	80.1	74.2		65.9	69.9	40.3
self-confidence (social).....	58.0	58.4	53.2	61.0	56.0	52.9	63.6	58.1		52.0	55.0	32.9
writing ability.....	53.7	57.4	71.2	41.7	56.0	54.0	58.6	58.5		30.7	31.2	27.7
listening ability.....	66.1	66.7	70.8	61.6	69.0	65.9	74.8	71.9		58.4	59.8	49.9
Students Reporting Much Stronger Abilities and Skills in 1989												
general knowledge.....	48.1	42.9	53.0	53.1	45.3	41.1	56.3	47.9		37.3	34.5	55.1
problem-solving skills.....	37.0	32.0	46.9	39.0	35.5	36.9	38.4	31.4		27.1	28.9	15.7
knowledge of particular field...	59.7	59.0	65.3	58.8	59.0	56.3	64.1	61.5		45.0	45.5	41.9
critical thinking ability.....	39.6	33.5	48.3	40.1	42.0	40.1	40.2	46.4		28.7	30.5	17.1
writing skills.....	26.3	19.9	24.9	33.9	24.4	22.7	27.7	26.1		15.6	15.2	18.5
foreign language ability.....	7.0	6.2	10.1	7.4	5.8	5.0	6.6	6.8		1.5	1.1	3.7
job-related skills.....	32.9	27.6	27.8	41.2	30.7	32.1	33.7	26.4		32.2	35.7	10.2
religious beliefs & convictions...	11.5	5.3	11.0	16.1	13.1	11.7	15.1	14.8		6.2	5.8	8.5
interest in grad/prof school....	27.4	23.2	35.8	26.9	28.9	24.9	33.2	34.6		21.8	21.9	21.1
preparation for grad/prof school	19.8	16.1	37.7	15.1	21.8	16.8	20.6	32.4		14.7	15.1	12.3
leadership abilities.....	32.9	26.2	31.7	40.0	32.1	28.3	29.8	40.6		28.3	26.5	39.5
ability to work independently...	36.9	32.4	34.5	40.8	38.4	39.5	39.7	35.4		46.4	42.8	69.7
interpersonal skills.....	35.6	29.9	32.7	40.7	36.8	38.0	37.7	33.9		26.7	26.8	26.0
cultural awareness.....	31.6	26.2	34.3	35.1	31.9	30.9	30.0	35.0		15.3	15.2	16.1
acceptance of dif races/cultures	24.1	15.9	29.0	30.6	23.1	22.3	26.7	22.6		19.0	16.0	38.3
competitiveness.....	26.0	18.5	20.6	37.8	22.0	21.0	25.9	21.8		19.9	20.2	18.3
confidence in academic abilities	29.8	28.4	28.8	32.1	28.8	26.5	31.7	31.7		26.7	28.5	15.2
public speaking ability.....	27.6	23.6	18.9	36.5	25.0	24.4	29.5	23.8		23.1	21.0	36.8
ability to work cooperatively...	22.9	18.0	20.5	28.4	22.6	19.6	27.4	25.8		29.3	31.4	16.1

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MALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges			
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Activities in the Past Year Reported in 1985												
attended recital or concert.....	76.4	78.7	81.5	73.9	74.8	75.4	69.2	76.6	77.3	76.1	85.8	
drank beer.....	71.3	78.0	73.6	72.0	61.8	60.7	77.6	55.5	69.7	69.3	72.4	
felt depressed (6).....	5.6	4.7	7.2	4.7	7.0	6.6	5.9	8.5	7.0	7.7	2.5	
felt overwhelmed (6).....	15.6	14.0	15.6	17.3	15.3	16.2	14.0	14.4	7.4	8.0	3.4	
missed school due to illness (6)	3.9	2.5	2.4	6.7	2.4	2.2	1.9	3.2	1.7	1.8	0.9	
smoked cigarettes (6).....	5.9	4.6	4.7	9.8	2.8	2.5	4.1	2.7	12.3	13.2	6.7	
stayed up all night.....	73.4	76.2	71.9	71.3	73.8	73.8	75.3	73.0	70.2	70.5	68.8	
tutored another student.....	49.6	50.1	68.5	43.9	47.4	48.8	49.3	43.6	32.4	32.9	28.8	
was guest in teacher's home.....	35.6	31.8	38.0	39.8	33.2	33.0	27.0	37.0	25.6	21.7	50.5	
Activities in the Past Year Reported in 1989												
attended recital or concert.....	73.2	73.2	77.9	70.9	73.6	72.4	70.2	77.6	57.7	56.1	67.6	
didn't complete homework on time	61.6	60.8	55.2	64.0	62.5	64.4	62.5	58.6	60.8	58.5	75.1	
discuss course content w/std (6)	50.6	50.2	61.6	48.8	48.3	47.9	46.9	50.1	43.8	43.3	46.6	
discuss political/soc issues (6)	39.0	37.6	46.8	36.6	40.0	41.2	35.3	40.1	23.0	21.3	33.4	
discuss racial/ethnic issues (6)	10.4	9.6	13.2	8.5	12.5	12.6	10.1	13.5	7.3	5.3	19.8	
drank beer.....	82.9	89.0	88.6	78.9	78.0	78.2	89.0	72.0	85.7	86.9	77.9	
drank wine or liquor.....	74.7	83.3	78.5	69.2	69.9	66.2	81.3	71.2	70.4	69.5	76.1	
felt depressed (6).....	14.0	10.3	12.1	19.4	12.1	13.2	8.8	11.7	9.9	8.5	18.6	
felt like leaving college.....	36.9	31.6	18.9	50.2	34.7	39.0	26.6	30.6	41.4	35.9	76.0	
felt overwhelmed (6).....	27.6	21.9	25.9	31.8	29.8	32.5	24.2	27.6	29.2	30.2	23.5	
gave a presentation in class (6)	17.3	17.9	11.9	18.1	18.1	17.1	20.2	19.1	11.3	12.5	3.6	
missed class due to illness (6)..	1.2	0.8	2.1	0.4	2.3	3.3	1.1	1.1	0.1	0.0	0.7	
paper critiqued by instructor(6)	33.5	31.1	40.1	27.9	40.5	40.7	36.9	41.8	28.2	30.3	15.3	
participated in intramural sport	61.1	54.6	66.1	62.0	65.1	66.0	64.4	63.9	44.1	43.4	48.4	
read the student newspaper (6)..	59.2	66.6	72.7	51.6	53.8	51.6	54.1	57.8	46.0	46.8	40.8	
received personal counseling....	12.6	8.6	9.9	15.5	14.9	14.5	18.1	13.8	5.1	5.8	0.7	
received tutoring in courses....	24.4	19.0	16.6	29.4	28.2	35.3	22.4	17.2	25.7	28.1	11.0	
received vocational counseling..	54.6	53.6	56.1	50.7	60.0	61.6	59.5	57.0	43.2	42.6	47.1	
smoked cigarettes (6).....	7.5	6.9	7.4	8.6	6.8	7.2	5.0	7.2	10.3	11.3	3.7	
social with diff ethnic grp (6)..	38.0	32.2	45.5	38.9	40.0	43.6	39.9	33.0	37.5	34.8	54.4	
stayed up all night.....	69.5	68.5	64.1	71.9	70.3	75.1	65.4	63.5	66.3	66.2	67.2	
took a multiple-choice exam (6)..	49.6	56.2	28.5	53.9	46.4	46.7	48.2	45.0	53.7	52.6	60.9	
took an essay exam (6).....	41.2	38.8	50.5	33.5	49.6	46.2	50.9	55.5	24.1	22.7	32.7	
took pt in campus demonstration.	15.2	12.2	18.4	13.8	18.9	22.8	14.2	13.8	4.3	4.1	5.2	
tutored another student.....	58.1	58.6	59.1	57.1	58.2	59.5	63.0	53.1	41.4	44.2	23.4	
was guest in professor's home...	30.3	20.8	26.1	34.4	38.3	38.7	25.3	44.6	25.1	26.6	15.5	
worked on grp proj for class (6)	32.5	31.4	32.4	37.7	27.0	24.7	33.3	28.2	22.8	24.8	10.5	
worked on ind research project..	52.2	50.7	57.0	49.0	56.0	55.5	55.2	57.4	60.6	61.3	55.9	

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ADJUSTED NATIONAL NORMS**

MALE STUDENTS	All 4-yr	Universities		Four-year Colleges						Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
LIVING ARRANGEMENTS												
Preferred for Fall 1985												
with parents or relatives.....	12.8	9.7	6.9	18.6	11.7	11.2	15.5	10.7	18.3	20.7	3.0	
other private home,apt,room.....	21.8	26.3	13.8	22.3	20.2	20.9	20.4	18.8	33.6	33.7	33.2	
college dormitory.....	52.9	45.4	70.1	49.7	56.8	57.2	53.6	57.5	35.3	31.5	59.9	
fraternity or sorority house....	6.6	10.4	5.1	4.1	6.2	6.3	2.9	7.8	3.4	3.3	3.9	
other campus housing.....	4.7	6.1	3.7	4.8	3.8	2.7	6.6	4.5	4.0	4.6	0.0	
other.....	1.2	2.1	0.4	0.6	1.3	1.6	1.0	0.8	5.4	6.2	0.0	
Planned for Fall 1985												
with parents or relatives.....	16.1	17.0	8.1	22.4	11.4	10.3	23.2	7.4	41.1	43.6	25.8	
other private home,apt,room.....	2.5	5.4	1.7	1.4	0.7	0.8	1.5	0.0	18.7	21.8	0.0	
college dormitory.....	78.1	73.0	86.6	73.1	86.0	86.8	72.9	91.3	36.6	30.4	74.2	
fraternity or sorority house....	1.0	2.8	0.0	0.0	0.5	0.8	0.0	0.3	0.7	0.8	0.0	
other campus housing.....	1.6	1.1	3.5	1.6	1.3	1.4	1.6	0.9	2.1	2.5	0.0	
other.....	0.7	0.7	0.0	1.5	0.1	0.0	0.9	0.0	0.7	0.9	0.0	
First Year												
with parents or relatives.....	17.5	15.5	7.4	28.0	11.3	10.5	24.3	6.1	48.3	52.0	28.8	
other private home,apt,room.....	2.0	3.9	1.7	1.1	0.9	1.3	1.5	0.0	11.6	13.8	0.0	
college dormitory.....	77.0	74.4	85.6	68.5	86.6	87.0	72.9	92.8	39.0	32.9	71.2	
frat or sorority house.....	1.8	4.6	1.2	0.4	0.4	0.5	0.0	0.3	0.0	0.0	0.0	
other campus student housing....	1.1	0.2	3.8	1.1	0.7	0.7	0.9	0.8	1.1	1.4	0.0	
other.....	0.7	1.4	0.4	0.8	0.1	0.1	0.3	0.0	0.0	0.0	0.0	
Second Year												
with parents or relatives.....	19.5	18.5	10.4	24.8	18.7	15.9	34.5	16.0	41.4	39.9	50.7	
other private home,apt,room.....	15.1	22.5	16.2	13.2	8.3	7.7	10.6	8.2	25.9	29.4	4.1	
college dormitory.....	52.9	44.8	58.3	52.3	60.4	62.4	45.5	64.3	28.9	26.4	44.4	
frat or sorority house.....	6.8	10.4	8.2	1.9	7.9	9.0	1.2	9.1	0.5	0.6	0.0	
other campus student housing....	4.2	3.0	6.5	4.9	3.6	3.5	7.2	2.0	1.5	1.6	0.8	
other.....	1.5	0.8	0.5	2.9	1.1	1.5	0.9	0.4	1.9	2.2	0.0	
Third Year												
with parents or relatives.....	20.5	17.2	12.6	29.2	18.2	15.6	32.8	15.6	26.7	27.1	24.8	
other private home,apt,room.....	30.4	43.6	24.2	27.0	21.7	24.7	21.4	16.3	40.0	39.3	43.4	
college dormitory.....	30.4	19.7	40.4	30.7	38.0	32.5	32.1	51.3	26.5	26.3	27.6	
frat or sorority house.....	9.0	14.1	12.8	2.4	8.5	8.7	1.8	11.7	0.5	0.6	0.0	
other campus student housing....	7.1	3.5	9.0	6.5	11.3	15.1	10.5	4.7	3.8	4.2	2.2	
other.....	2.5	1.9	1.1	4.2	2.2	3.4	1.4	0.4	2.5	2.6	1.9	
Fourth Year												
with parents or relatives.....	19.4	17.3	13.0	27.2	16.4	15.3	28.8	12.1	20.5	14.6	43.4	
other private home,apt,room.....	40.6	56.0	37.4	32.0	33.0	33.3	30.1	34.1	44.1	51.6	15.2	
college dormitory.....	23.3	12.0	33.4	26.7	28.1	26.2	23.2	34.2	24.1	20.8	36.9	
frat or sorority house.....	7.4	9.1	8.3	4.5	8.2	9.3	2.2	9.3	2.6	3.1	0.6	
other campus student housing....	6.2	3.5	6.6	4.3	11.4	11.7	13.8	9.6	2.7	2.8	2.6	
other.....	3.1	2.1	1.4	5.3	2.8	4.2	1.9	0.7	5.9	7.1	1.2	

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MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All		Nons	Cath	Prot	All	Pub	Priv
		Pub	Priv		Pub	Priv						
College Attributes Noted as Very Descriptive												
easy to see fac outside off hrs.	33.2	14.3	30.0		33.8	56.0	51.5	57.9	63.8	24.1	20.7	45.6
great conformity among students.	26.3	19.4	35.9		27.2	28.7	24.6	39.0	31.2	19.4	20.3	14.0
most students very bright.....	29.3	20.9	58.0		24.6	31.4	35.9	24.0	26.3	18.6	16.8	30.3
admin open about policies.....	15.6	9.8	9.8		20.9	18.3	16.5	13.7	24.2	20.8	20.9	20.4
keen competition for grades.....	26.1	19.5	49.6		25.4	23.8	25.4	22.5	21.1	21.8	20.1	32.3
courses more theoret than prac..	28.2	29.3	32.4		32.0	20.1	22.0	20.9	15.8	16.6	18.2	6.2
fac rewarded for advising skills	8.4	3.3	3.4		14.6	8.5	8.7	5.4	9.6	4.4	4.7	1.9
little std contact out of class.	5.5	6.3	2.4		7.9	2.8	2.9	5.8	1.2	9.3	7.9	17.8
faculty at odds with admin.....	8.8	7.7	5.7		11.4	8.3	9.2	7.5	6.9	1.3	0.7	5.6
intercoll sports overemphasized.	15.9	19.1	10.2		20.4	9.1	9.4	4.8	10.6	6.8	5.7	13.4
classes usually informal.....	29.8	25.9	19.5		33.4	34.8	38.9	28.5	30.1	29.9	29.8	30.6
faculty respect each other.....	38.7	28.0	45.3		34.9	52.9	48.0	52.3	62.9	37.7	38.0	35.9
most stdnts treated like numbers	17.6	33.0	10.3		17.0	3.8	4.8	1.3	3.1	23.1	23.7	19.0
social activities overemphasized	6.7	8.2	6.6		6.3	5.7	6.0	4.7	5.5	6.1	4.5	16.1
little contact between students.	7.5	6.3	7.0		12.5	2.7	4.1	0.3	1.3	11.7	12.9	3.9
student body apathetic.....	20.5	13.9	28.8		21.1	23.4	27.3	17.3	18.9	19.7	18.8	25.6
stdnts don't socialize regularly	4.9	1.5	1.9		11.5	2.0	2.5	2.1	1.1	7.1	8.2	0.0
fac rewarded for good teaching..	16.3	8.8	14.5		22.6	17.9	16.7	13.6	22.3	15.8	15.7	17.0
Plans for Fall 1989												
attend college full-time.....	40.2	46.7	21.4		44.8	35.4	36.0	32.6	35.8	35.0	32.5	50.8
attend college part-time.....	6.8	8.1	1.9		8.5	5.4	5.5	6.5	4.7	13.4	12.6	18.4
attend graduate school.....	12.4	8.4	33.2		6.5	15.0	12.3	16.0	19.8	4.0	4.0	3.8
attend vocational program.....	0.4	0.3	0.3		0.7	0.3	0.1	0.5	0.7	1.6	1.6	1.6
work full-time.....	43.3	37.0	45.5		46.8	45.0	42.4	49.4	48.0	52.3	54.4	38.7
work part-time.....	25.5	31.8	13.5		26.8	22.1	24.0	23.3	17.6	20.6	17.0	43.7
serve in Armed Forces.....	6.0	2.0	2.0		13.1	3.1	3.9	1.5	2.5	3.2	2.9	5.1
travel.....	5.0	4.6	5.4		4.9	5.3	6.4	4.4	3.7	10.8	12.2	1.9
do volunteer work.....	4.5	3.7	5.4		4.8	4.6	3.5	4.6	6.8	1.6	1.7	0.8
stay at home.....	4.0	4.4	3.3		2.7	5.4	6.1	3.0	5.4	4.0	4.4	1.4
Permission to Use I.D. in 1985												
yes.....	79.9	82.8	78.5		76.5	81.0	81.6	73.6	83.9	85.3	85.3	84.9
no.....	20.1	17.2	21.5		23.5	19.0	18.4	26.4	16.1	14.7	14.7	15.1
Permission to Use I.D. in 1989												
yes.....	74.4	77.3	76.7		69.4	76.3	76.3	79.6	74.6	69.6	70.3	65.2
no.....	25.6	22.7	23.3		30.6	23.7	23.7	20.4	25.4	30.4	29.7	34.8

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Personal Objectives Noted as Very Important or Essential in 1985											
achieve in a performing art....	11.0	13.7	13.6	6.3	12.4	14.8	9.8	8.9	4.8	4.3	8.9
be expert on finance/commerce...	34.3	30.8	30.7	40.5	32.5	29.1	39.0	36.1	25.3	23.9	34.2
be involved in environ cleanup...	22.7	23.6	16.0	25.2	21.9	23.9	20.0	18.8	24.6	26.3	10.4
be successful in own business...	55.0	52.8	45.7	58.5	57.5	59.8	54.2	54.6	59.6	56.9	76.8
be very well off financially...	75.6	72.4	69.2	80.4	76.4	76.5	74.8	76.8	76.6	79.1	60.3
become authority in my field...	76.5	72.2	77.1	79.9	76.8	78.7	71.7	75.5	79.5	78.0	89.0
create artistic work.....	8.0	12.2	11.3	3.2	7.6	8.0	10.8	5.0	14.8	15.7	8.7
develop philosophy of life.....	47.6	44.9	54.4	49.3	45.3	43.4	48.0	47.6	33.8	33.0	40.0
have admin responsibility.....	42.4	44.4	42.5	41.1	41.7	38.8	50.5	43.0	40.1	35.4	69.7
help others in difficulty.....	56.2	52.2	59.0	56.4	58.9	55.3	64.1	63.4	44.1	42.1	57.3
influence political structure...	23.3	20.0	21.2	30.7	19.2	19.0	20.1	19.2	20.5	21.2	14.5
influence social values.....	33.5	28.1	26.8	40.0	34.6	32.9	39.1	35.8	29.1	31.7	12.3
obtain recog from colleagues...	59.1	53.7	64.8	61.1	60.1	63.9	57.7	53.8	69.1	68.8	70.8
participate in community action...	21.6	21.3	20.2	22.8	21.1	23.8	21.7	15.2	18.6	20.4	7.4
promote racial understanding....	34.3	30.5	31.1	36.9	37.0	40.1	34.7	31.9	33.6	31.8	45.2
raise a family.....	72.0	68.9	72.6	74.3	72.4	72.6	72.5	72.1	66.7	68.3	56.1
theoretical contrib to science..	19.5	21.4	25.7	19.1	14.9	17.1	12.9	11.3	11.8	12.5	7.8
write original works.....	12.7	14.2	18.3	10.9	10.3	11.1	11.4	8.2	5.5	4.5	11.9
in 1989											
achieve in a performing art....	9.4	10.5	13.2	7.5	8.8	9.1	5.3	10.0	6.4	6.1	8.5
be expert on finance/commerce...	28.6	24.5	25.2	30.8	32.2	32.5	39.0	28.1	26.6	25.7	32.5
be involved in environ cleanup...	38.5	40.8	35.9	37.3	38.5	40.9	33.4	36.5	42.9	42.4	45.9
be successful in own business...	50.5	51.5	39.7	50.7	54.3	59.4	52.9	44.9	55.5	55.4	56.1
be very well off financially...	64.8	61.6	59.7	73.2	60.0	58.9	64.3	59.7	78.0	80.8	60.4
become authority in my field....	73.5	73.9	71.9	73.2	74.2	75.8	65.2	75.7	77.3	79.1	65.6
create artistic work.....	12.0	13.7	11.8	12.0	10.3	11.2	7.2	10.3	8.7	8.6	9.2
develop philosophy of life.....	55.6	53.2	64.6	52.8	57.7	54.4	60.5	62.8	55.8	57.1	47.6
have admin responsibility.....	52.8	48.8	39.8	61.5	52.3	51.8	51.6	53.7	49.8	50.9	43.1
help others in difficulty.....	66.5	62.7	65.8	70.1	66.7	65.5	63.7	70.5	65.9	65.3	69.6
influence political structure...	28.8	26.7	26.6	32.8	27.1	28.4	26.5	24.9	24.0	23.9	24.8
influence social values.....	48.4	45.5	46.8	52.6	47.1	43.4	49.0	53.5	39.6	40.7	32.8
obtain recog from colleagues...	56.0	57.3	56.6	58.6	51.0	50.0	50.8	53.1	58.0	58.0	58.6
participate in community action...	31.8	25.3	30.6	38.7	30.7	32.6	23.8	30.6	28.2	26.1	41.4
promote racial understanding....	36.4	31.8	36.7	42.0	34.5	35.1	30.4	35.3	33.9	33.9	33.5
raise a family.....	70.4	65.7	71.6	72.2	73.0	74.2	68.1	73.4	66.3	68.8	50.1
theoretical contrib to science..	18.2	18.9	19.5	22.5	11.2	11.1	9.8	12.0	26.7	27.0	24.8
write original works.....	18.3	20.7	21.4	17.2	15.3	17.4	11.7	13.1	20.5	21.8	12.5

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Political Orientation in 1985											
far left.....	3.9	2.6	3.3	4.5	5.0	7.4	2.0	1.6	2.1	2.0	3.0
liberal.....	21.7	22.5	26.8	20.2	20.4	20.7	19.5	20.3	14.3	13.4	21.5
middle of the road.....	44.5	49.0	39.1	43.6	43.1	41.4	50.9	42.7	55.7	55.4	58.0
conservative.....	28.6	24.6	28.2	31.1	30.0	29.2	26.5	33.5	25.4	26.5	17.5
far right.....	1.2	1.2	2.5	0.6	1.4	1.3	1.0	1.9	2.4	2.7	0.0
Political Orientation in 1989											
far left.....	3.4	2.7	1.5	6.4	1.3	1.6	1.9	0.5	0.4	0.2	1.2
liberal.....	23.3	22.6	27.7	20.0	26.2	28.7	18.0	25.8	12.4	10.1	26.5
middle of the road.....	38.0	39.2	33.1	39.8	36.5	35.9	45.9	32.9	51.6	54.5	33.0
conservative.....	34.2	35.0	35.8	33.0	34.2	33.3	33.3	36.5	32.1	31.4	36.7
far right.....	1.1	0.5	2.0	0.8	1.7	0.5	0.9	4.4	3.6	3.8	2.6
Agrees Strongly/Somewhat in 1985											
abolish death penalty.....	22.1	21.0	28.7	20.1	22.9	20.7	30.4	23.4	13.1	12.3	18.7
abortion should be legalized....	52.7	57.7	55.5	48.6	51.1	57.6	37.8	44.9	52.0	49.4	69.0
busing OK to achieve balance....	48.1	49.7	49.1	43.1	52.1	53.3	49.5	51.1	58.8	59.9	51.9
college ban extreme speakers....	22.7	20.5	20.8	21.8	27.4	28.3	22.8	27.8	36.2	35.4	40.9
college raises earning power....	70.1	71.1	53.9	76.4	69.0	66.3	71.1	73.4	74.6	73.1	84.5
college regulate off-campus acts	12.3	10.5	8.9	12.2	15.9	18.9	15.0	10.3	13.4	13.6	11.9
equal opportunity for women.....	87.0	90.1	92.0	83.0	86.2	85.9	84.2	88.1	87.3	86.6	92.3
gov't not controlling pollution...	77.7	79.1	80.0	75.7	77.8	80.4	76.2	73.3	80.4	80.4	79.9
gov't not promoting disarmament...	59.4	54.5	70.2	59.9	59.1	56.1	65.7	61.6	49.0	46.7	66.8
high school grading too easy....	49.9	51.8	60.9	43.8	50.2	50.1	47.1	52.1	49.1	49.9	42.5
ind can do little to change soc...	36.1	28.8	38.2	39.7	38.9	42.8	43.2	28.9	51.2	49.7	61.1
marijuana should be legalized...	22.6	26.1	23.5	20.1	21.4	22.2	21.4	19.7	13.8	14.7	7.9
married women best at home.....	24.7	23.3	19.6	29.7	22.6	18.7	29.8	26.3	28.3	27.4	34.2
national health care plan needed	53.3	47.5	49.8	60.8	52.0	49.8	56.9	54.0	68.1	68.4	66.4
raise taxes to reduce deficit....	29.0	33.4	34.0	27.3	23.7	26.8	20.6	19.1	30.0	30.4	27.5
wealthy should pay more taxes...	71.8	71.6	70.9	72.4	71.7	70.5	73.2	73.2	79.0	80.3	70.9
Agrees Strongly/Somewhat in 1989											
abolish death penalty.....	20.1	17.4	32.1	16.8	21.9	19.1	31.0	22.6	14.1	13.1	20.3
abortion should be legalized....	68.5	73.9	68.1	69.0	61.9	67.5	49.6	57.1	64.3	65.1	59.5
busing OK to achieve balance....	43.3	43.1	50.6	42.3	41.5	42.3	37.8	41.9	37.8	36.9	43.4
coll ban extreme speakers.....	19.9	18.6	13.6	23.3	19.9	17.1	21.2	24.5	17.5	16.9	21.3
coll involvement in social pgms...	75.1	76.2	78.2	71.6	76.8	77.4	72.8	77.7	72.9	74.2	65.0
coll regulate off-campus acts...	12.2	6.8	9.8	17.9	12.2	11.8	8.2	15.1	15.9	17.5	5.4
college raises earning power....	48.6	50.1	32.2	56.8	43.9	46.4	39.3	41.5	63.1	65.0	50.9
control AIDS w/mandatory testing	38.4	35.9	27.2	45.8	37.1	39.5	35.4	33.4	46.6	50.6	21.9
equal opportunity for women.....	92.4	93.7	97.3	88.4	93.8	93.1	94.2	94.9	92.3	94.6	77.6
gov't not controlling pollution...	83.6	85.0	88.6	75.7	89.8	89.2	87.0	92.4	87.1	86.8	89.5
gov't not promoting disarmament...	54.4	50.9	57.4	53.9	57.5	58.7	57.6	55.0	52.3	50.4	64.3
grading in college too easy....	34.4	31.7	42.9	33.8	34.1	37.6	33.7	27.8	30.5	30.3	31.3
ind can do little to change soc...	35.8	36.7	35.8	36.0	34.3	35.2	38.9	30.1	36.8	39.4	20.6
man not entitled to sex on date...	91.3	92.0	92.9	90.1	91.2	91.2	92.1	90.8	88.1	89.9	76.1
marijuana should be legalized...	21.7	25.5	25.8	14.2	25.1	24.3	22.1	28.0	14.9	13.5	24.1
married women best at home.....	17.5	13.6	7.4	29.9	10.5	8.5	13.4	12.8	13.2	14.6	4.2
national health care plan needed	59.9	56.0	58.2	62.3	62.0	66.6	59.4	54.1	67.4	69.8	52.6
racial discrim no longer problem	18.4	13.1	12.9	25.5	17.8	18.1	14.2	18.9	22.3	20.1	35.9
raise taxes to reduce deficit....	35.6	38.4	43.3	34.2	30.7	28.5	32.4	34.3	41.1	39.7	49.9
wealthy should pay more taxes...	70.8	75.1	62.4	72.3	68.0	68.9	61.9	69.6	83.2	85.9	66.2

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub						All	Pub	Priv
		Pub	Priv		All Priv	Nons	Cath	Prot				
Agrees Strongly or Somewhat												
a lot of racial conflict here...	21.9	31.9	28.0	16.9	13.9	15.8	11.1	11.8	25.8	25.2	29.9	
admin care little about students	35.6	43.6	30.4	38.0	25.6	27.6	28.4	20.3	24.0	23.9	25.3	
admin considers faculty concerns	66.0	69.4	72.8	57.6	70.3	67.5	73.3	73.8	59.5	61.5	47.1	
admin considers student concerns	44.8	45.5	45.0	42.7	46.5	44.0	52.2	48.4	46.7	46.8	46.1	
courses incl feminist perspective	40.4	40.6	36.6	43.7	37.6	36.8	45.2	35.3	38.5	39.2	34.6	
courses incl minority perspective	46.1	43.8	36.5	50.9	46.9	47.5	39.7	49.7	45.9	46.8	40.1	
curriculum over-specialized.....	24.9	31.7	32.1	22.0	17.1	17.1	15.3	18.1	21.8	23.5	11.3	
ethnic groups communicate well...	66.4	57.7	62.2	67.2	77.4	77.5	78.8	76.4	61.3	56.0	94.7	
fac committed to welfare of coll	71.0	66.4	71.3	68.7	79.4	77.6	79.3	83.1	69.4	65.5	93.8	
fac feels students well-prepared	67.4	67.3	83.5	59.2	70.7	64.3	76.6	80.4	62.2	59.5	79.6	
fac interested in acad problems.	66.8	61.5	66.1	60.6	81.6	80.4	83.7	82.7	63.8	64.6	58.8	
fac interested in student probs.	54.5	40.9	52.9	52.4	73.8	69.1	77.0	81.1	52.8	49.6	73.1	
fac positive about gen ed pgm ..	81.5	80.8	87.5	75.5	87.3	84.3	91.9	90.5	77.9	74.4	99.4	
fac sensitive to minority issues	66.1	58.7	64.0	64.0	78.3	76.3	74.5	84.1	53.0	52.6	55.9	
low trust btwn minorities/admin.	34.0	42.1	33.7	37.7	19.6	21.0	19.5	17.1	25.8	27.8	13.4	
many students don't "fit in"....	37.8	38.4	36.0	40.7	34.0	35.3	32.4	32.3	31.7	32.4	27.8	
oppty for fac/stdnt socializing.	46.6	33.8	41.8	48.1	62.0	60.1	60.6	66.3	50.3	50.1	51.9	
students resent required courses	55.6	59.7	43.6	57.8	53.5	54.8	47.7	54.0	49.2	47.9	57.6	
Objectives Rated as High or Highest Priorities for College												
allow airing of diff opinions...	47.4	49.1	40.3	48.6	47.2	45.5	43.8	52.1	53.5	57.0	31.4	
conduct basic & applied research	53.3	68.1	68.9	52.6	29.8	29.4	30.0	30.3	52.6	57.6	21.3	
create multi-cultural environ...	39.2	41.6	33.4	42.6	34.8	33.0	36.0	37.5	44.2	47.7	23.0	
create positive undergrad exp...	66.0	55.7	68.2	68.2	74.1	71.7	77.5	77.0	65.6	66.9	57.9	
devel apprec of multi-cultul soc	41.6	34.7	38.8	48.3	42.0	39.8	36.5	49.2	40.3	42.3	27.4	
devel community among fac/stdnts	35.4	24.4	36.7	32.8	50.7	44.4	57.5	59.6	42.3	45.2	24.1	
devel leadership ability in fac.	34.5	31.1	32.6	40.0	32.0	26.9	33.8	40.7	36.7	40.0	15.9	
devel leadership abil in stdnts.	52.0	43.7	50.8	59.7	52.2	49.3	57.3	55.3	50.1	51.2	42.9	
economize and cut costs.....	42.5	48.4	34.0	46.3	34.7	37.1	30.5	32.2	30.8	32.7	18.8	
enhance inst's national image...	73.7	76.2	87.9	68.8	70.3	77.9	57.6	62.2	56.4	61.2	26.7	
facilitate comm svcs involvement	31.7	21.9	30.5	38.1	35.3	31.8	45.3	36.9	30.3	30.0	32.5	
help solve soc/environ problems..	30.3	26.8	20.3	39.0	27.8	25.5	30.5	31.0	39.1	42.1	21.1	
help students understand values.	44.4	32.8	54.3	35.9	64.1	59.5	70.5	69.6	46.7	43.4	67.6	
hire faculty "stars".....	22.5	29.2	35.8	17.7	14.5	15.6	9.3	14.9	23.3	26.1	5.7	
increase minorities in fac/admin	27.3	27.9	23.2	31.4	23.2	24.5	19.9	22.4	33.2	36.0	15.4	
increase women in fac/admin....	21.7	22.8	22.8	20.8	21.2	21.2	21.4	21.2	26.9	27.4	23.5	
increase/maintain inst prestige.	78.3	79.3	90.8	71.6	80.0	83.2	81.6	72.8	54.1	56.2	41.5	
promote intellectual development	72.3	63.0	87.0	70.6	78.2	78.0	79.1	78.0	66.8	68.3	57.5	
raise money for the institution.	61.1	68.0	79.1	46.7	63.4	63.6	65.4	61.9	42.4	43.5	35.5	
recruit more minority students..	40.2	37.4	38.6	52.1	28.7	28.7	27.0	29.6	35.8	38.5	19.8	
teach students how to change soc	29.3	20.8	20.8	35.9	34.7	32.3	36.9	38.4	31.5	33.6	18.7	
Want Copy of Survey Results												
no.....	6.6	6.0	6.5	4.5	9.9	10.7	6.1	10.3	9.3	10.4	1.7	
yes.....	93.4	94.0	93.5	95.5	90.1	89.3	93.9	89.7	90.7	89.6	98.3	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Universities			Four-year Colleges					Two-year Colleges		
	All 4-yr	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
HOURS PER WEEK IN THE PAST YEAR SPENT ON											
None											
classes/labs.....	0.8	0.4	2.2	0.3	1.1	0.4	1.6	2.3	1.4	1.6	0.0
studying/homework.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	0.0
socializing with friends.....	1.0	0.0	0.0	2.3	1.1	1.8	0.6	0.0	1.8	2.1	0.0
talk with faculty outside class.....	9.1	9.2	7.0	12.0	6.1	7.5	4.7	4.3	10.7	9.9	15.5
exercising/sports.....	4.5	3.2	4.1	6.4	3.9	3.8	5.4	3.4	6.6	7.2	2.4
reading for pleasure.....	19.1	15.5	19.0	20.8	21.1	24.3	16.2	17.6	28.6	29.8	21.3
using a personal computer.....	22.3	21.7	15.0	25.3	22.4	20.4	28.6	23.0	32.9	33.1	31.8
partying.....	11.2	5.5	6.3	13.9	16.7	16.6	6.0	22.4	16.1	16.5	13.1
working (for pay).....	30.3	31.6	29.0	32.5	26.6	27.1	24.3	26.8	34.3	35.1	29.2
volunteer work.....	61.8	66.6	59.5	60.2	59.4	59.7	68.8	53.9	65.5	65.1	68.2
student clubs/groups.....	37.1	39.3	27.6	40.4	34.4	34.4	37.3	32.8	53.6	56.7	34.0
watching TV.....	6.3	5.1	10.4	6.1	6.3	6.2	4.5	7.2	4.9	5.5	1.1
commuting to campus.....	38.1	28.9	52.4	29.5	53.8	54.4	44.6	57.4	31.4	31.5	31.2
religious services/meetings.....	51.5	56.3	56.1	48.7	47.2	50.8	40.9	43.6	56.7	60.6	31.4
hobbies.....	20.9	15.8	20.9	22.7	24.3	26.2	19.9	22.9	15.6	15.8	14.2
Six or More											
classes/labs.....	87.3	89.8	89.6	82.6	89.8	92.5	86.4	86.3	86.3	86.0	88.5
studying/homework.....	70.9	74.0	85.7	63.7	70.1	64.4	70.7	80.7	60.2	59.0	68.1
socializing with friends.....	79.6	81.9	85.8	72.7	83.4	85.3	81.8	80.5	71.5	69.1	87.0
talk with faculty outside class.....	2.9	2.6	2.1	2.6	4.1	3.3	2.2	6.8	9.6	10.0	7.0
exercising/sports.....	36.4	35.7	35.5	35.2	39.2	36.3	42.0	43.3	39.9	41.6	29.3
reading for pleasure.....	7.4	11.7	4.0	5.4	6.6	6.2	4.7	8.6	8.2	9.3	1.4
using a personal computer.....	17.5	12.3	23.2	17.5	20.8	23.9	16.3	16.9	16.1	16.6	12.8
partying.....	39.5	42.7	40.9	38.7	36.0	33.8	46.5	34.8	36.3	34.3	48.7
working (for pay).....	58.2	59.7	56.9	57.8	57.4	55.6	64.4	57.4	59.5	58.7	65.1
volunteer work.....	4.3	2.6	4.2	5.9	4.1	3.2	4.5	5.6	4.0	4.2	2.4
student clubs/groups.....	11.5	12.2	18.9	7.0	13.4	14.2	10.0	13.6	6.4	6.1	8.1
watching TV.....	32.3	38.7	31.0	27.6	31.8	31.3	38.7	28.9	43.1	43.8	38.5
commuting to campus.....	8.6	6.9	5.4	13.1	6.2	7.5	5.9	3.8	15.2	17.3	2.1
religious services/meetings.....	1.7	0.7	1.5	1.5	3.1	3.8	1.8	2.3	2.1	1.9	3.6
hobbies.....	14.6	17.1	12.3	14.1	13.2	14.0	16.1	10.0	25.1	24.6	28.2
Sixteen or More											
classes/labs.....	42.5	45.8	44.2	40.9	39.9	40.1	35.9	41.5	38.7	38.2	42.5
studying/homework.....	28.0	29.2	42.9	23.4	25.6	27.0	21.3	25.2	17.9	19.1	9.8
socializing with friends.....	36.6	34.6	34.3	35.2	41.9	41.9	45.2	40.2	37.9	34.9	56.6
talk with faculty outside class.....	0.1	0.0	0.0	0.0	0.6	0.2	0.7	1.3	6.0	6.9	0.0
exercising/sports.....	9.3	8.2	6.3	10.4	10.4	9.2	16.4	9.5	4.2	2.0	18.2
reading for pleasure.....	0.6	0.7	0.4	0.5	0.7	1.1	0.4	0.2	0.5	0.6	0.0
using a personal computer.....	4.5	4.1	4.9	5.2	3.8	3.9	3.0	4.0	4.0	4.5	0.9
partying.....	13.2	10.3	11.0	17.7	11.6	9.6	22.2	10.0	13.7	10.9	31.3
working (for pay).....	36.5	37.6	23.0	44.3	31.1	32.6	30.3	28.7	35.7	32.7	54.2
volunteer work.....	2.0	0.5	1.1	4.1	1.4	1.1	0.4	2.5	0.3	0.3	0.6
student clubs/groups.....	2.7	1.6	6.2	2.1	3.3	3.7	2.6	2.9	0.7	0.5	2.2
watching TV.....	7.2	5.8	2.9	9.7	7.4	7.1	9.3	6.9	12.9	13.3	10.1
commuting to campus.....	2.7	0.3	0.2	6.7	1.0	1.4	0.2	0.6	2.4	2.6	0.7
religious services/meetings.....	0.2	0.0	0.0	0.2	0.5	0.5	0.9	0.2	0.4	0.4	0.6
hobbies.....	3.3	4.0	1.3	4.0	2.6	2.6	2.8	2.5	8.2	9.2	1.7

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Religious Preference in 1985												
Baptist.....	10.6	12.9	4.4	8.7	13.3	14.6	1.4	17.1		7.5	4.4	24.8
Buddhist.....	0.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0		0.2	0.1	0.7
Congregational (U.C.C.).....	1.3	1.4	0.6	1.6	1.3	1.2	1.4	1.4		1.5	1.6	1.1
Eastern Orthodox.....	0.4	0.1	1.0	0.4	0.5	0.4	0.5	0.7		0.0	0.0	0.0
Episcopal.....	2.9	4.4	2.5	1.4	3.2	2.6	1.9	5.3		1.5	1.7	0.0
Islamic.....	0.3	0.7	0.0	0.3	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Jewish.....	3.9	5.2	10.4	1.1	2.6	4.1	0.0	1.0		1.9	2.1	0.9
Latter Day Saints (Mormon).....	0.2	0.3	0.7	0.1	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Lutheran.....	5.3	6.8	4.0	4.9	4.7	2.9	3.9	8.4		6.3	6.2	6.6
Methodist.....	11.6	10.3	4.8	17.6	9.2	6.8	3.1	17.1		12.6	12.2	15.0
Presbyterian.....	5.2	4.2	4.6	3.7	8.3	10.1	3.1	7.6		1.3	1.4	1.0
Quaker (Society of Friends).....	0.2	0.5	0.0	0.0	0.3	0.3	0.0	0.6		0.0	0.0	0.0
Roman Catholic.....	35.5	31.0	50.0	34.8	34.3	33.3	71.7	16.6		48.8	53.3	23.2
Seventh Day Adventist.....	0.4	0.4	0.0	0.6	0.4	0.2	0.5	0.8		0.9	0.8	1.1
other Protestant.....	7.4	4.8	2.4	11.1	8.5	8.6	1.3	12.0		3.4	3.2	4.4
other religion.....	4.4	4.7	3.5	4.1	4.8	4.2	3.9	6.4		6.8	4.3	21.2
none.....	10.3	12.3	10.4	9.7	8.6	10.7	7.2	5.1		7.4	8.7	0.0
Religious Preference in 1989												
Baptist.....	12.4	9.4	3.0	17.0	14.7	17.0	0.4	17.5		11.0	6.2	41.9
Buddhist.....	0.2	0.4	0.2	0.0	0.3	0.3	0.2	0.3		0.0	0.0	0.0
Congregational (UCC).....	2.0	1.8	0.5	3.5	1.1	0.8	1.3	1.5		1.0	1.0	1.0
Eastern Orthodox.....	0.4	0.1	0.8	0.3	0.6	0.7	1.4	0.0		0.0	0.0	0.0
Episcopal.....	2.3	3.4	1.8	0.9	3.2	2.3	1.8	5.7		2.2	2.4	1.4
Islamic.....	0.1	0.0	0.0	0.3	0.0	0.0	0.2	0.0		0.5	0.5	0.0
Jewish.....	3.6	4.8	10.5	1.0	2.3	3.6	0.0	0.9		1.7	1.8	0.8
Latter Day Saints (Mormon).....	0.9	0.3	0.7	0.0	2.9	5.2	0.0	0.0		0.0	0.0	0.0
Lutheran.....	4.4	5.5	3.4	3.8	4.4	3.4	3.3	6.9		5.2	5.0	6.3
Methodist.....	10.6	9.4	3.4	16.7	7.6	6.1	3.0	13.0		9.3	10.2	3.5
Presbyterian.....	3.6	5.2	3.2	2.2	3.9	3.8	1.6	5.3		0.8	0.9	0.0
Quaker.....	0.3	0.5	0.3	0.2	0.1	0.0	0.0	0.4		0.0	0.0	0.0
Roman Catholic.....	32.6	30.2	46.2	31.2	30.7	27.4	70.2	16.3		36.9	40.6	13.1
Seventh Day Adventist.....	0.2	0.2	0.0	0.0	0.4	0.0	0.0	1.3		0.0	0.0	0.0
other Protestant.....	6.1	5.1	1.9	4.6	11.2	11.9	1.1	15.2		9.8	10.5	5.1
other religion.....	4.2	3.7	3.7	5.8	3.0	2.9	1.4	4.1		6.0	4.4	16.2
none.....	16.0	20.2	20.4	12.5	13.6	14.6	14.2	11.4		15.8	16.6	10.6
Born-again Christian in 1985												
no.....	75.4	75.5	88.6	72.0	72.9	75.1	88.6	59.8		88.4	90.5	75.6
yes.....	24.6	24.5	11.4	28.0	27.1	24.9	11.4	40.2		11.6	9.5	24.4
Born-again Christian in 1989												
no.....	77.3	79.9	92.9	71.3	74.5	74.3	94.9	64.1		80.4	84.3	56.3
yes.....	22.7	20.1	7.1	28.7	25.5	25.7	5.1	35.9		19.6	15.7	43.7

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Probable Career in 1985 (7)												
artist (including performer)....	6.0	4.4	8.5	6.7	5.9	7.2	6.2	3.2		10.8	10.9	10.1
business.....	22.4	21.2	21.2	16.9	31.4	28.0	44.2	31.7		23.9	19.5	51.5
clergy or religious worker.....	0.5	0.2	0.4	0.2	1.1	0.4	1.6	2.2		0.5	0.0	3.5
college teacher.....	0.2	0.0	0.5	0.2	0.4	0.3	1.5	0.3		0.3	0.3	0.0
doctor (MD or DDS).....	6.5	6.9	15.2	1.8	7.9	7.6	6.9	8.9		1.0	1.1	0.0
education (secondary).....	2.6	0.4	0.9	4.8	3.1	2.4	1.8	5.1		0.6	0.7	0.0
education (primary).....	0.4	0.2	0.0	0.4	0.9	1.0	0.0	1.2		0.5	0.6	0.0
engineer.....	16.0	23.5	21.4	12.0	10.0	12.5	9.1	5.5		18.3	21.0	1.5
farmer or forester.....	1.0	1.4	0.1	0.9	1.0	0.9	0.2	1.6		1.7	2.0	0.0
health professional (non-M.D.)..	3.2	4.9	0.6	3.1	2.5	2.6	1.4	2.9		1.1	0.6	4.0
lawyer.....	6.6	6.5	4.3	6.5	8.0	8.6	5.5	8.0		2.1	0.4	13.1
nurse.....	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0		0.0	0.0	0.0
research scientist.....	2.1	1.5	2.7	2.6	1.8	2.1	0.9	1.8		0.8	0.9	0.0
other choice.....	16.6	15.4	11.1	22.3	13.6	11.7	12.2	18.1		27.7	30.5	10.3
undecided.....	15.8	13.6	13.1	21.5	12.3	14.7	8.6	9.6		10.8	11.6	6.1
Probable Career in 1989 (7)												
artist (including performer)....	5.7	6.8	7.5	4.1	5.6	5.9	3.1	6.2		7.6	7.5	8.8
business.....	30.3	29.6	25.2	27.8	36.9	35.7	46.9	34.0		31.5	29.8	44.3
clergy or religious worker.....	0.5	0.4	0.0	0.0	1.4	0.3	1.3	3.7		0.5	0.0	4.0
college teacher.....	1.9	1.6	3.9	0.9	2.6	2.2	1.7	3.8		0.5	0.5	0.0
doctor (MD or DDS).....	3.9	3.4	10.9	2.6	2.6	2.5	1.7	3.5		0.8	0.5	2.6
education (secondary).....	3.7	2.3	2.6	3.0	6.8	6.2	3.7	9.7		2.9	2.5	6.0
education (primary).....	0.6	0.6	0.1	0.9	0.6	0.4	1.1	0.7		1.2	1.4	0.0
engineer.....	11.3	16.0	14.6	8.6	8.0	10.5	5.0	4.5		12.8	14.2	2.2
farmer or forester.....	1.5	2.6	0.1	1.3	1.2	1.4	0.2	1.5		3.7	4.2	0.0
health professional (non-M.D.)..	2.7	3.0	1.5	3.9	1.4	0.9	1.9	2.2		2.0	2.3	0.0
lawyer.....	6.1	7.1	9.5	4.3	5.7	5.2	6.8	6.1		0.1	0.0	0.9
nurse.....	0.2	0.4	0.0	0.0	0.4	0.7	0.0	0.2		0.7	0.8	0.0
research scientist.....	2.0	1.5	3.6	1.7	2.3	2.2	3.2	2.0		1.3	1.4	0.0
other choice.....	25.7	20.2	15.4	38.8	19.9	21.1	19.1	17.8		26.7	26.1	31.2
undecided.....	3.8	4.5	5.0	2.0	4.6	4.8	4.3	4.3		7.7	8.7	0.0
Reasons Noted as Very Important or Essential for Choosing Career												
job opportunities available.....	59.9	61.8	48.7	67.5	53.2	51.3	56.8	54.9		68.4	66.4	80.6
enjoy working w/people in field.	70.1	64.4	65.0	78.6	68.2	66.1	69.4	71.8		69.2	68.6	72.9
work is interesting.....	94.1	95.1	95.2	95.4	90.5	89.8	89.9	92.2		92.2	92.1	93.3
pays well.....	63.6	62.3	51.4	75.1	56.1	55.4	62.7	54.1		69.2	71.3	55.8
satisfies parent's hopes.....	13.9	13.4	10.5	18.0	11.0	10.2	15.9	9.9		13.8	12.8	20.3
work is challenging.....	80.9	82.7	85.0	76.5	82.6	80.7	81.4	86.8		78.4	78.1	80.8
can make contribution to society	58.5	59.5	62.2	59.3	54.5	50.3	57.5	61.0		51.0	48.6	65.8
oppty for rapid career advancmnt	54.8	48.7	45.7	65.9	52.0	51.4	55.5	51.1		57.6	58.5	51.9
oppty for freedom of action.....	64.2	62.1	64.6	63.1	67.6	69.9	63.6	65.3		59.0	58.8	60.3

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All		Nons	Cath	Prot	All	Pub	Priv
		Pub	Priv		Priv							
Probable Major in 1985 (7)												
agriculture.....	1.4	3.5	0.0	0.6	0.9	1.1	0.0	0.8		1.6	1.8	0.0
biological sciences.....	4.1	3.5	7.4	2.3	5.4	4.4	2.7	8.9		0.8	0.8	1.1
business.....	24.9	23.0	18.8	23.5	31.6	29.4	43.4	29.7		24.0	18.7	58.9
education.....	4.2	2.5	0.1	7.8	3.4	2.3	1.8	6.5		2.1	2.0	3.2
engineering.....	18.4	24.6	26.5	15.5	11.5	14.6	9.2	6.0		18.8	20.8	6.1
English.....	1.2	0.7	2.3	0.9	1.5	1.9	0.7	1.1		0.0	0.0	0.0
health professional.....	4.8	7.7	7.3	1.0	5.3	4.6	5.6	6.7		1.1	1.3	0.0
history or political science....	5.3	5.1	4.5	6.1	5.0	4.3	5.3	6.2		0.6	0.4	1.7
humanities.....	2.5	1.1	5.8	3.1	1.7	1.1	2.7	2.4		1.7	1.4	3.6
fine arts.....	3.8	5.4	3.7	4.3	1.6	1.7	2.0	1.1		3.1	2.9	4.5
mathematics or statistics.....	1.8	1.2	1.7	3.0	1.0	0.9	2.5	0.5		0.4	0.5	0.0
physical sciences.....	3.2	2.4	6.0	3.2	2.7	3.3	1.8	1.8		1.1	1.1	0.7
social sciences.....	3.4	1.7	5.0	2.6	5.3	6.3	4.6	3.6		2.4	2.8	0.0
other technical.....	6.4	4.0	1.9	9.4	7.4	6.4	4.6	11.1		16.7	18.8	2.5
other non-technical.....	9.6	8.0	3.4	12.7	10.3	11.7	9.7	7.9		23.6	24.8	15.4
undecided.....	5.1	5.6	5.5	4.1	5.5	5.9	3.5	5.7		1.9	1.9	2.3
Major Reported in 1989 (7)												
agriculture.....	2.3	3.0	0.2	4.3	0.4	0.6	0.0	0.2		2.1	2.4	0.0
biological sciences.....	5.2	5.8	10.3	2.5	4.8	3.5	4.0	7.9		1.9	1.8	2.4
business.....	25.6	24.4	18.3	23.1	33.1	31.5	52.0	26.2		30.2	29.6	33.9
education.....	3.9	1.6	0.5	7.9	4.2	2.9	3.4	7.5		5.1	4.6	8.1
engineering.....	14.4	18.5	21.3	12.7	8.1	11.0	5.2	3.4		21.9	25.5	2.1
English.....	3.0	2.1	5.8	2.8	2.9	2.7	3.4	3.2		0.1	0.0	0.6
health professional.....	1.0	1.7	0.8	0.6	0.8	0.9	0.7	0.8		1.1	1.3	0.0
history or political science....	9.4	9.9	8.4	8.5	10.2	9.1	8.4	13.6		2.0	1.9	2.5
humanities.....	2.9	1.5	5.1	1.9	4.5	4.3	3.2	5.6		1.9	1.6	3.8
fine arts.....	3.9	6.2	3.7	1.6	3.7	3.8	1.4	4.9		3.7	3.0	7.7
mathematics or statistics.....	2.0	1.1	1.7	3.8	1.4	1.3	2.0	1.3		0.2	0.3	0.0
physical sciences.....	4.1	3.5	5.2	4.1	4.4	5.3	3.2	3.3		0.0	0.0	0.0
social sciences.....	7.9	8.8	11.6	5.4	7.6	6.8	9.6	8.3		2.8	2.9	2.2
other technical.....	5.1	3.7	3.9	7.3	5.2	5.3	2.2	6.5		7.3	8.2	2.5
other non-technical.....	8.0	6.3	3.2	12.1	8.1	10.6	1.1	6.5		18.8	16.0	34.2
undecided.....	1.2	1.8	0.1	1.6	0.6	0.6	0.3	0.8		0.8	1.0	0.0
Probable Graduate Major (7)												
agriculture.....	0.6	0.8	1.2	0.3	0.3	0.5	0.0	0.0		2.3	2.7	0.0
biological sciences.....	2.8	3.1	3.9	1.9	3.0	2.2	2.9	4.3		2.0	2.3	0.0
business.....	27.5	21.3	24.5	26.2	37.6	36.6	53.4	32.7		45.8	45.5	47.6
education.....	3.9	6.3	0.6	2.1	6.2	6.9	2.0	6.6		7.5	6.9	11.1
engineering.....	10.0	10.3	13.5	12.2	4.4	4.5	4.4	4.0		12.2	13.3	4.6
English.....	1.3	2.4	0.6	0.5	1.6	1.2	2.8	1.8		0.0	0.0	0.0
health professional.....	6.1	4.4	5.6	9.1	3.9	4.4	2.0	3.8		3.2	2.8	5.8
history or political science....	7.5	2.5	3.2	14.9	5.3	4.5	1.8	8.0		0.1	0.0	0.9
humanities.....	2.3	1.5	3.5	0.6	4.6	2.1	5.8	8.5		2.5	1.5	9.1
fine arts.....	3.2	6.5	3.2	1.3	2.7	3.2	1.7	2.1		4.6	3.1	14.7
mathematics or statistics.....	1.0	1.4	0.1	1.2	1.0	1.1	2.1	0.5		0.0	0.0	0.0
physical sciences.....	2.7	1.8	4.1	2.2	3.4	4.8	1.5	1.8		0.0	0.0	0.0
social sciences.....	5.2	4.7	5.2	7.3	3.0	1.9	3.5	4.5		0.0	0.0	0.0
other technical.....	4.4	4.8	7.9	2.8	4.2	4.6	1.8	4.4		7.8	8.4	4.1
other non-technical.....	17.2	22.2	20.1	12.6	16.4	17.9	14.3	14.9		11.2	12.6	2.0
undecided.....	4.3	6.1	3.1	4.8	2.6	3.4	0.0	2.1		0.7	0.8	0.0

1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
DISAGGREGATED RESPONSES												
Probable Career in 1985												
accountant or actuary.....	4.5	2.8	2.9	3.2	8.7	6.8	17.9	7.9		7.7	8.4	3.0
actor or entertainer.....	1.1	0.5	1.3	0.8	2.0	3.1	0.8	0.3		7.1	8.2	0.0
architect or urban planner.....	1.6	3.8	1.9	0.0	0.9	1.2	0.8	0.3		2.2	2.1	3.0
artist.....	0.8	0.4	0.4	1.3	0.8	1.0	1.2	0.3		1.5	1.4	2.0
business (clerical).....	0.9	0.2	0.4	2.3	0.2	0.1	0.5	0.2		0.0	0.0	0.0
business executive (mgmt, admin).....	13.6	12.1	13.8	11.3	18.1	18.5	16.7	18.2		10.0	6.5	31.7
business owner or proprietor.....	2.8	4.7	3.0	0.5	3.2	2.1	4.2	4.7		3.7	4.2	0.0
business salesperson or buyer.....	1.6	1.5	1.5	1.9	1.4	0.7	5.4	1.0		2.6	0.3	16.8
clergy (minister, priest).....	0.4	0.0	0.4	0.2	1.0	0.3	1.6	2.0		0.5	0.0	3.5
clergy (other religious).....	0.1	0.2	0.0	0.0	0.1	0.1	0.0	0.2		0.0	0.0	0.0
clinical psychologist.....	0.5	0.2	1.4	0.5	0.3	0.0	0.8	0.8		0.0	0.0	0.0
college teacher.....	0.2	0.0	0.5	0.2	0.4	0.3	1.5	0.3		0.3	0.3	0.0
computer programmer or analyst.....	4.8	2.8	1.6	7.6	5.2	4.5	4.6	6.9		3.2	3.7	0.0
conservationist or forester.....	0.5	0.6	0.1	0.6	0.4	0.1	0.0	1.1		1.7	1.9	0.0
dentist (including orthodontist).....	0.5	0.7	0.4	0.3	0.6	0.3	0.7	1.2		0.0	0.0	0.0
dietitian or home economist.....	0.1	0.2	0.0	0.0	0.2	0.3	0.0	0.0		0.0	0.0	0.0
engineer.....	16.0	23.5	21.4	12.0	10.0	12.5	9.1	5.5		18.3	21.0	1.5
farmer or rancher.....	0.5	0.8	0.0	0.3	0.6	0.8	0.2	0.4		0.1	0.1	0.0
frgn svc worker (incl diplomat).....	0.7	1.3	1.5	0.3	0.4	0.2	0.5	0.6		0.0	0.0	0.0
homemaker (full-time).....	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0		0.0	0.0	0.0
interior decorator or designer.....	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0		0.7	0.0	4.9
intepreter (translator).....	0.1	0.0	0.0	0.3	0.0	0.1	0.0	0.0		0.0	0.0	0.0
lab technician or hygienist.....	0.4	0.6	0.0	0.5	0.3	0.2	0.6	0.3		0.8	0.3	4.0
law enforcement officer.....	1.0	0.0	0.0	1.9	1.6	1.1	2.6	2.1		6.8	7.9	0.2
lawyer (attorney) or judge.....	6.6	6.5	4.3	6.5	8.0	8.6	5.5	8.0		2.1	0.4	13.1
military service (career).....	1.9	0.5	1.0	4.8	0.6	0.2	0.4	1.5		2.3	2.1	3.5
musician (performer, composer).....	1.8	1.7	2.1	2.5	0.9	1.1	1.6	0.3		0.8	0.9	0.0
nurse.....	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0		0.0	0.0	0.0
optometrist.....	0.4	1.0	0.0	0.0	0.3	0.2	0.3	0.4		0.0	0.0	0.0
pharmacist.....	0.5	0.8	0.3	0.2	0.7	0.9	0.4	0.4		0.2	0.3	0.0
physician.....	6.0	6.2	14.8	1.5	7.3	7.3	6.2	7.7		1.0	1.1	0.0
school counselor.....	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0		0.0	0.0	0.0
school principal/superintendent.....	0.2	0.0	0.0	0.0	0.7	1.1	0.0	0.3		0.0	0.0	0.0
scientific researcher.....	2.1	1.5	2.7	2.6	1.8	2.1	0.9	1.8		0.8	0.9	0.0
social, welfare or rec worker.....	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0		0.0	0.0	0.0
statistician.....	0.6	0.3	0.0	1.7	0.0	0.1	0.0	0.0		0.2	0.2	0.0
therapist (phys, occup, speech).....	1.4	1.9	0.0	2.3	0.5	0.3	0.0	1.1		0.0	0.0	0.0
teacher/admin (elementary).....	0.4	0.2	0.0	0.4	0.9	1.0	0.0	1.2		0.5	0.6	0.0
teacher/admin (secondary).....	2.3	0.4	0.9	4.6	2.4	1.3	1.8	4.8		0.6	0.7	0.0
veterinarian.....	0.4	0.5	0.4	0.0	0.6	0.7	0.1	0.6		0.0	0.0	0.0
writer or journalist.....	2.3	1.7	4.8	2.1	2.1	1.9	2.6	2.3		0.8	0.4	3.2
skilled trades.....	0.3	0.2	0.0	0.0	0.8	1.1	0.3	0.5		5.3	6.0	0.7
other.....	4.0	6.1	3.1	2.9	3.4	2.9	1.6	5.1		7.7	8.5	2.9
undecided.....	15.8	13.6	13.1	21.5	12.3	14.7	8.6	9.6		10.8	11.6	6.1

1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Probable Career in 1989											
accountant or actuary.....	3.6	3.2	4.0	3.2	4.5	3.4	9.9	3.7	2.5	2.5	2.8
actor or entertainer.....	0.7	0.1	0.2	1.0	1.0	1.5	0.2	0.6	5.6	6.4	0.0
architect or urban planner.....	1.1	2.4	1.8	0.2	0.6	0.5	1.3	0.4	1.7	1.4	4.1
artist.....	1.1	1.3	1.8	0.6	1.1	0.7	1.1	1.9	0.9	0.7	2.5
business (clerical).....	2.1	0.2	0.6	5.9	0.2	0.1	0.0	0.4	0.0	0.0	0.0
business executive (mgmt, admin).....	18.3	19.5	13.5	17.0	20.9	21.3	25.3	17.8	19.7	17.6	34.7
business owner or proprietor.....	4.5	3.7	4.1	4.7	5.5	5.8	2.5	6.6	4.2	4.2	3.7
business salesperson or buyer.....	3.8	3.2	3.6	2.8	6.0	5.2	9.2	5.9	5.2	5.5	3.1
clergy (minister, priest).....	0.2	0.0	0.0	0.0	0.8	0.3	0.9	1.7	0.2	0.0	1.5
clergy (other religious).....	0.3	0.4	0.0	0.0	0.6	0.0	0.4	1.9	0.3	0.0	2.6
clinical psychologist.....	0.4	0.3	0.7	0.0	0.9	0.5	0.6	1.9	0.0	0.0	0.0
college teacher.....	1.9	1.6	3.9	0.9	2.6	2.2	1.7	3.8	0.5	0.5	0.0
computer programmer or analyst.....	3.9	2.5	3.4	5.7	3.4	4.0	3.4	2.1	4.7	5.0	1.8
conservationist or forester.....	1.2	2.6	0.1	0.8	0.8	1.2	0.0	0.6	1.7	1.9	0.0
dentist (including orthodontist).....	0.4	0.3	0.5	0.3	0.4	0.3	0.0	0.6	0.0	0.0	0.0
dietitian or home economist.....	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
engineer.....	11.3	16.0	14.6	8.6	8.0	10.5	5.0	4.5	12.8	14.2	2.2
farmer or rancher.....	0.3	0.0	0.0	0.5	0.4	0.2	0.2	0.9	2.0	2.3	0.0
frgn svc worker (incl diplomat).....	1.2	1.5	1.8	1.0	0.8	0.7	0.8	0.9	0.0	0.0	0.0
homemaker (full-time).....	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
interior decorator or designer.....	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0
intepreter (translator).....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0
lab technician or hygienist.....	0.3	0.2	0.2	0.3	0.4	0.1	0.0	1.1	0.0	0.0	0.0
law enforcement officer.....	4.2	2.0	0.0	8.9	2.6	2.0	2.4	3.7	4.1	3.0	12.4
lawyer (attorney) or judge.....	6.1	7.1	9.5	4.3	5.7	5.2	6.8	6.1	0.1	0.0	0.9
military service (career).....	3.3	0.8	2.2	6.3	3.0	3.8	0.9	2.3	1.6	0.7	8.5
musician (performer, composer).....	1.1	1.9	2.3	0.3	0.8	1.1	0.4	0.4	0.6	0.1	4.5
nurse.....	0.2	0.4	0.0	0.0	0.4	0.7	0.0	0.2	0.7	0.8	0.0
optometrist.....	0.3	0.7	0.0	0.3	0.2	0.2	0.0	0.4	0.0	0.0	0.0
pharmacist.....	0.6	1.3	0.1	0.5	0.3	0.3	0.9	0.0	0.9	1.1	0.0
physician.....	3.5	3.1	10.4	2.3	2.3	2.1	1.7	2.8	0.8	0.5	2.6
school counselor.....	0.5	0.0	0.0	0.1	1.7	2.1	0.8	1.4	0.0	0.0	0.0
school principal/superintendent.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
scientific researcher.....	2.0	1.5	3.6	1.7	2.3	2.2	3.2	2.0	1.3	1.4	0.0
social, welfare or rec worker.....	0.8	0.0	0.2	2.1	0.3	0.0	0.6	0.5	0.6	0.7	0.0
statistician.....	0.1	0.2	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0
therapist (phys, occup, speech).....	0.5	0.9	0.0	0.4	0.4	0.2	1.0	0.7	1.1	1.2	0.0
teacher/admin (elementary).....	0.6	0.6	0.1	0.9	0.6	0.4	1.1	0.7	1.2	1.4	0.0
teacher/admin (secondary).....	3.2	2.3	2.6	2.9	5.1	4.2	2.9	8.3	2.9	2.5	6.0
veterinarian.....	0.9	0.0	0.8	2.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0
writer or journalist.....	2.8	3.3	3.2	2.3	2.6	2.6	1.5	3.0	0.5	0.4	1.8
skilled trades.....	1.0	0.8	0.2	1.6	0.8	0.8	0.3	1.2	8.5	9.4	1.2
other.....	7.6	9.7	4.4	7.0	7.3	8.5	8.5	4.1	5.5	5.8	3.2
undecided.....	3.8	4.5	5.0	2.0	4.6	4.8	4.3	4.3	7.7	8.7	0.0

1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
		Pub	Priv								
Probable Major Reported in 1985											
Arts and Humanities											
art, fine & applied.....	0.3	0.1	0.4	0.2	0.7	0.6	1.1	0.6	1.5	1.4	2.2
English (language & literature).....	1.2	0.7	2.3	0.9	1.5	1.9	0.7	1.1	0.0	0.0	0.0
history.....	0.9	0.7	0.0	0.7	1.8	2.1	1.0	1.4	0.0	0.0	0.4
journalism.....	1.3	1.5	1.3	1.5	1.0	0.8	2.1	0.9	0.4	0.4	0.7
language (except English).....	0.5	0.0	0.7	1.0	0.3	0.2	0.0	0.5	0.0	0.0	0.0
music.....	1.2	1.4	1.9	1.3	0.6	0.8	0.4	0.1	0.1	0.1	0.0
philosophy.....	0.4	0.1	2.1	0.2	0.1	0.1	0.0	0.0	0.3	0.3	0.0
speech.....	0.9	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
theater or drama.....	0.5	0.0	2.0	0.2	0.6	0.6	0.7	0.3	0.5	0.6	0.0
theology or religion.....	0.3	0.2	0.2	0.1	0.7	0.1	1.3	1.5	0.2	0.0	1.3
other arts and humanities.....	0.9	0.8	0.9	1.6	0.2	0.1	0.6	0.0	0.7	0.4	2.3
Biological Sciences											
biology (general).....	2.1	1.3	3.6	1.1	3.3	2.7	2.0	5.3	0.2	0.3	0.0
biochemistry or biophysics.....	0.8	0.6	2.2	0.4	0.8	0.7	0.5	1.1	0.4	0.5	0.0
botany.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science.....	0.2	0.2	0.0	0.3	0.4	0.2	0.0	1.1	0.0	0.0	0.0
microbiology or bacteriology.....	0.4	0.5	0.9	0.4	0.3	0.3	0.0	0.4	0.0	0.0	0.0
zoology.....	0.2	0.4	0.0	0.2	0.3	0.2	0.0	0.5	0.0	0.0	0.0
other biological sciences.....	0.3	0.5	0.7	0.0	0.3	0.2	0.1	0.5	0.1	0.0	1.1
Business											
accounting.....	4.0	2.4	3.3	2.7	7.8	6.6	16.0	5.9	6.7	7.1	3.7
business admin (general).....	7.2	9.0	4.5	6.6	7.3	6.2	9.7	8.3	7.0	3.6	29.3
finance.....	3.0	3.3	4.3	1.9	3.2	2.3	5.3	4.1	0.7	0.8	0.0
marketing.....	5.0	3.7	2.4	6.4	6.0	6.8	7.7	3.1	4.2	1.0	25.2
management.....	3.7	3.0	3.1	2.3	6.3	6.5	3.7	7.4	2.8	3.2	0.6
secretarial studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other business.....	2.0	1.6	1.1	3.6	1.0	0.9	1.0	1.0	2.6	3.0	0.0
Education											
business education.....	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
elementary education.....	0.5	0.2	0.0	0.9	0.6	0.9	0.0	0.4	0.5	0.6	0.0
music or art education.....	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
physical education or recreation.....	3.0	1.6	0.0	6.4	1.6	1.1	0.8	3.2	1.1	0.7	3.2
secondary education.....	0.6	0.5	0.1	0.5	0.9	0.2	0.8	2.6	0.6	0.7	0.0
special education.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other education.....	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.3	0.0	0.0	0.0
Engineering											
aeronautical/astronautical eng..	2.8	4.6	2.9	2.8	0.8	0.4	2.2	0.8	3.8	3.9	2.9
civil engineering.....	1.8	3.2	0.4	2.0	0.7	0.7	0.9	0.7	1.9	2.2	0.0
chemical engineering.....	1.1	1.1	4.3	0.3	0.5	0.8	0.0	0.3	0.2	0.3	0.0
electrical/electronic eng.....	7.6	11.1	9.4	5.3	5.8	8.7	2.6	1.7	4.7	5.3	0.9
industrial engineering.....	0.6	0.4	0.1	0.9	0.5	0.8	0.4	0.1	0.2	0.2	0.0
mechanical engineering.....	2.6	2.3	5.3	2.7	1.6	1.7	3.1	0.6	4.3	4.8	1.5
other engineering.....	1.9	1.9	4.1	1.5	1.4	1.6	0.0	1.7	3.7	4.2	0.7

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ADJUSTED NATIONAL NORMS

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot		All	Pub	Priv
Probable Major Reported in 1985												
Physical Sciences												
astronomy.....	0.4	0.2	0.0	0.9	0.2	0.2	0.5	0.3	0.0	0.0	0.0	0.0
atmospheric science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0
chemistry.....	1.7	1.4	3.7	1.3	1.8	2.5	0.5	1.1	0.3	0.3	0.0	0.0
earth science.....	0.1	0.2	0.0	0.0	0.1	0.2	0.0	0.0	0.5	0.5	0.7	0.0
marine science.....	0.2	0.0	0.0	0.5	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0
mathematics.....	1.8	1.0	1.7	3.0	1.0	0.9	2.5	0.5	0.2	0.3	0.0	0.0
physics.....	0.8	0.6	2.4	0.6	0.5	0.5	0.9	0.2	0.0	0.0	0.0	0.0
statistics.....	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0
other physical sciences.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Professional												
architecture/urban planning.....	1.4	3.9	1.5	0.0	0.3	0.3	0.5	0.3	1.6	1.4	2.3	0.0
home economics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
health technology.....	0.9	1.6	0.2	0.2	1.4	1.7	0.5	1.5	0.5	0.6	0.0	0.0
library or archival science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing.....	0.1	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.7	0.9	0.0	0.0
pharmacy.....	0.6	1.1	0.1	0.2	0.6	0.9	0.4	0.0	0.0	0.0	0.0	0.0
predent, premed, prevet.....	3.4	5.0	7.2	0.1	4.1	3.1	5.2	5.6	0.4	0.5	0.0	0.0
therapy (phys, occupat, etc).....	0.7	1.7	0.0	0.4	0.5	0.3	0.0	1.1	0.0	0.0	0.0	0.0
other professional.....	0.9	2.0	0.9	0.0	1.0	1.1	0.7	0.7	1.0	1.0	0.6	0.0
Social Sciences												
anthropology.....	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
economics.....	1.4	0.3	3.1	0.5	2.9	4.5	0.0	1.2	0.0	0.0	0.0	0.0
ethnic studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
geography.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science.....	4.4	4.4	4.5	5.4	3.2	2.2	4.3	4.8	0.6	0.4	1.4	0.0
psychology.....	1.5	1.4	1.7	1.3	1.7	1.3	3.7	1.4	1.1	1.3	0.0	0.0
social work.....	0.0	0.0	0.2	0.0	0.0	0.0	0.3	0.0	1.3	1.5	0.0	0.0
sociology.....	0.1	0.0	0.0	0.0	0.5	0.4	0.6	0.9	0.0	0.0	0.0	0.0
women's studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences.....	0.3	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Technical												
building trades.....	0.3	0.4	0.0	0.0	0.7	1.1	0.0	0.0	1.6	1.9	0.0	0.0
data processing, computer prog... drafting or design.....	2.1	1.4	1.0	2.6	2.9	2.1	0.3	5.9	1.6	1.9	0.0	0.0
electronics.....	0.3	0.2	0.0	0.3	0.4	0.7	0.0	0.0	2.5	2.9	0.0	0.0
mechanics.....	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.9	1.0	0.0	0.0
other technical.....	0.3	0.0	0.0	0.8	0.0	0.0	0.0	0.0	8.1	9.4	0.0	0.0
	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.5	1.3	1.4	0.7	0.0
Other Fields												
agriculture.....	1.3	3.0	0.0	0.6	0.8	1.1	0.0	0.7	1.6	1.8	0.0	0.0
communications.....	5.0	1.9	1.2	8.8	5.6	6.6	5.4	3.5	7.4	8.2	1.9	0.0
computer science.....	2.8	0.8	0.5	5.5	2.5	1.9	3.9	3.2	1.6	1.6	1.8	0.0
forestry.....	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
law enforcement.....	0.8	0.0	0.0	1.5	1.3	1.3	1.5	1.2	9.3	9.0	11.0	0.0
military science.....	0.3	0.0	0.0	0.5	0.4	0.0	0.0	1.4	0.0	0.0	0.0	0.0
other field.....	0.9	2.3	0.0	0.4	0.4	0.7	0.0	0.2	3.8	4.2	1.1	0.0
undecided.....	5.1	5.6	5.5	4.1	5.5	5.9	3.5	5.7	1.9	1.9	2.3	0.0

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ADJUSTED NATIONAL NORMS**

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	Priv	Nons	Cath	Prot				
Major Reported in 1989												
Arts and Humanities												
art, fine & applied.....	1.6	1.6	1.3	1.1	2.4	2.4	0.9	3.3		1.1	0.9	2.3
English (language & literature).....	3.0	2.1	5.8	2.8	2.9	2.7	3.4	3.2		0.1	0.0	0.6
history.....	2.8	2.1	1.8	2.0	5.2	5.3	2.9	6.2		0.3	0.0	1.9
journalism.....	0.9	1.5	0.7	0.7	0.6	0.9	0.4	0.3		0.4	0.5	0.0
language (except English).....	0.6	0.3	1.1	0.6	0.8	0.6	1.3	0.9		0.4	0.4	0.0
music.....	0.8	1.4	1.1	0.0	0.8	1.3	0.0	0.2		0.7	0.1	4.2
philosophy.....	0.7	0.5	1.1	0.5	0.9	1.2	0.9	0.2		0.3	0.4	0.0
speech.....	0.5	0.6	0.5	0.5	0.3	0.0	0.0	1.0		0.0	0.0	0.0
theater or drama.....	0.5	0.0	1.1	0.3	1.1	1.2	0.0	1.4		0.6	0.7	0.0
theology or religion.....	0.4	0.4	0.0	0.3	0.7	0.1	0.6	2.2		0.4	0.0	2.4
other arts and humanities.....	0.7	0.3	1.8	0.2	1.0	1.1	0.5	0.9		0.2	0.0	1.4
Biological Sciences												
biology (general).....	3.4	2.6	7.0	2.0	4.0	2.5	4.0	7.3		0.4	0.4	0.0
biochemistry or biophysics.....	0.5	0.7	1.8	0.0	0.1	0.0	0.0	0.3		0.3	0.3	0.0
botany.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
marine (life) science.....	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0		0.3	0.4	0.0
microbiology or bacteriology.....	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
zoology.....	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0		0.4	0.0	2.4
other biological sciences.....	0.8	1.0	1.5	0.5	0.7	1.0	0.0	0.3		0.6	0.7	0.0
Business												
accounting.....	3.6	3.1	4.0	3.4	4.3	3.1	8.6	4.5		3.2	3.1	3.8
business admin (general).....	4.3	2.0	2.5	2.8	9.7	7.9	11.5	12.5		9.7	11.3	1.1
finance.....	3.9	4.6	5.2	2.9	3.7	3.2	8.6	2.2		4.7	5.6	0.0
marketing.....	4.6	6.3	3.4	2.4	5.7	5.4	9.2	4.4		6.5	4.3	18.9
management.....	6.2	6.4	2.7	5.7	8.5	10.5	11.6	2.4		4.5	4.6	4.3
secretarial studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
other business.....	2.8	2.2	0.5	5.9	1.2	1.4	2.5	0.1		1.5	0.7	5.9
Education												
business education.....	0.1	0.0	0.0	0.0	0.5	0.4	0.0	0.9		0.4	0.4	0.6
elementary education.....	0.7	0.5	0.0	1.8	0.3	0.4	0.5	0.0		0.9	1.0	0.0
music or art education.....	0.4	0.3	0.0	0.7	0.5	0.6	0.7	0.0		0.2	0.0	1.0
physical education or recreation.....	1.7	0.6	0.0	4.0	1.3	0.0	1.3	4.1		1.3	0.9	3.3
secondary education.....	0.9	0.2	0.4	1.2	1.6	1.3	0.8	2.6		2.5	2.3	3.1
special education.....	0.1	0.0	0.1	0.3	0.0	0.0	0.0	0.0		0.0	0.0	0.0
other education.....	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0		0.0	0.0	0.0
Engineering												
aeronautical/astronautical eng..	0.8	1.1	0.4	1.1	0.1	0.0	0.0	0.4		1.0	1.1	0.0
civil engineering.....	1.3	1.8	1.8	1.5	0.2	0.0	0.0	0.8		1.5	1.5	2.1
chemical engineering.....	0.6	0.7	2.3	0.0	0.3	0.1	0.0	0.9		0.0	0.0	0.0
electrical/electronic eng.....	6.0	8.3	8.3	3.2	5.1	7.9	1.5	0.9		4.2	4.9	0.0
industrial engineering.....	0.7	0.9	0.9	0.4	0.5	0.8	0.0	0.0		0.4	0.5	0.0
mechanical engineering.....	3.3	3.8	5.5	3.3	1.5	1.5	3.6	0.3		11.8	13.9	0.0
other engineering.....	1.8	1.8	2.1	3.1	0.4	0.7	0.0	0.0		3.0	3.5	0.0

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MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Major Reported in 1989												
Physical Sciences												
astronomy.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
atmospheric science.....	0.1	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
chemistry.....	2.0	1.3	2.9	1.3	2.9	3.8	0.9	2.3	0.0	0.0	0.0	
earth science.....	0.7	1.2	0.5	0.4	0.6	1.0	0.0	0.0	0.0	0.0	0.0	
marine science.....	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	
mathematics.....	1.7	0.9	1.7	3.1	1.3	1.2	2.0	1.3	0.2	0.3	0.0	
physics.....	1.2	0.8	1.8	1.8	0.8	0.5	2.1	0.8	0.0	0.0	0.0	
statistics.....	0.3	0.2	0.0	0.8	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
other physical sciences.....	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	
Professional												
architecture/urban planning.....	1.0	2.6	0.8	0.0	0.2	0.1	0.5	0.5	1.9	2.0	1.2	
home economics.....	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.7	0.9	0.0	
health technology.....	0.2	0.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
law.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
library or archival science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
nursing.....	0.1	0.0	0.0	0.0	0.4	0.7	0.0	0.0	0.9	1.0	0.0	
pharmacy.....	0.6	1.2	0.0	0.6	0.1	0.0	0.7	0.0	0.3	0.3	0.0	
preident, premed, prevet.....	0.2	0.0	0.8	0.0	0.3	0.2	0.0	0.8	0.0	0.0	0.0	
therapy (phys, occupat, etc).....	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
other professional.....	0.5	0.7	0.3	0.6	0.2	0.3	0.0	0.0	0.6	0.7	0.0	
Social Sciences												
anthropology.....	0.3	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.0	
economics.....	3.3	4.8	5.8	1.1	2.6	2.2	2.4	3.7	1.7	2.0	0.0	
ethnic studies.....	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
geography.....	0.4	0.6	0.0	0.5	0.1	0.1	0.0	0.2	0.0	0.0	0.0	
political science.....	6.6	7.8	6.6	6.6	5.1	3.9	5.5	7.4	1.7	1.9	0.6	
psychology.....	1.8	1.4	3.4	0.7	2.7	1.9	3.4	3.9	0.4	0.5	0.0	
social work.....	0.1	0.0	0.0	0.0	0.5	0.7	0.3	0.0	0.2	0.0	1.2	
sociology.....	1.1	0.8	0.9	1.1	1.5	1.6	3.3	0.5	0.0	0.0	0.0	
women's studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
other social sciences.....	0.9	0.3	1.4	2.0	0.2	0.2	0.3	0.0	0.3	0.4	0.0	
Technical												
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	1.1	
data processing, computer prog...	1.0	0.3	0.6	1.6	1.2	0.3	0.9	3.5	0.8	1.0	0.0	
drafting or design.....	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.3	0.9	1.1	0.0	
electronics.....	0.1	0.0	0.0	0.0	0.4	0.6	0.0	0.0	0.6	0.7	0.0	
mechanics.....	0.5	0.6	0.0	1.0	0.0	0.0	0.0	0.0	1.3	1.5	0.0	
other technical.....	0.4	0.0	0.0	0.2	1.2	1.4	0.0	1.4	1.6	1.7	0.8	
Other Fields												
agriculture.....	1.9	2.0	0.2	4.1	0.3	0.5	0.0	0.0	2.1	2.4	0.0	
communications.....	4.8	1.6	1.9	10.1	4.5	6.9	0.0	1.9	9.1	10.1	3.6	
computer science.....	3.0	2.5	3.1	4.2	2.3	3.0	1.2	1.3	2.1	2.2	1.7	
forestry.....	0.4	1.1	0.0	0.2	0.1	0.1	0.0	0.2	0.0	0.0	0.0	
law enforcement.....	0.7	0.3	0.0	0.2	2.0	1.3	0.8	3.9	5.9	1.7	29.5	
military science.....	0.1	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
other field.....	0.9	2.0	0.4	0.0	0.8	1.2	0.0	0.4	1.5	1.8	0.0	
undecided.....	1.2	1.8	0.1	1.6	0.6	0.6	0.3	0.8	0.8	1.0	0.0	

1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Probable Graduate Major												
Arts and Humanities												
art, fine & applied.....	0.5	0.0	0.9	0.0	1.2	1.2	0.6	1.6	0.6	0.0	4.4	
English (language & literature).....	1.3	2.4	0.6	0.5	1.6	1.2	2.8	1.8	0.0	0.0	0.0	
history.....	4.5	0.9	0.5	10.8	1.9	2.2	0.4	2.1	0.1	0.0	0.9	
journalism.....	0.4	0.0	0.7	0.0	1.0	1.3	0.8	0.6	0.0	0.0	0.0	
language (except English).....	0.3	0.0	1.3	0.0	0.5	0.6	0.7	0.4	0.0	0.0	0.0	
music.....	1.2	1.5	0.9	1.3	0.8	1.4	0.0	0.2	1.5	0.2	10.3	
philosophy.....	0.5	0.6	0.3	0.0	1.1	0.6	0.6	2.2	0.0	0.0	0.0	
speech.....	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
theater or drama.....	0.3	0.0	1.4	0.0	0.1	0.0	0.0	0.3	1.3	1.5	0.0	
theology or religion.....	0.8	0.0	0.4	0.2	2.5	0.5	4.0	5.5	1.2	0.0	9.1	
other arts and humanities.....	0.4	0.9	0.0	0.3	0.4	0.5	0.5	0.2	0.0	0.0	0.0	
Biological Sciences												
biology (general).....	0.2	0.0	0.3	0.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0	
biochemistry or biophysics.....	1.0	0.7	1.9	1.2	0.6	0.2	0.7	1.3	0.8	0.9	0.0	
botany.....	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
marine (life) science.....	0.1	0.0	0.0	0.2	0.2	0.0	0.0	0.6	0.0	0.0	0.0	
microbiology or bacteriology.....	0.5	1.3	0.0	0.0	0.8	0.0	1.1	1.9	0.0	0.0	0.0	
zoology.....	0.1	0.0	0.0	0.3	0.2	0.0	0.0	0.6	0.0	0.0	0.0	
other biological sciences.....	0.7	0.8	1.7	0.0	1.1	1.8	1.1	0.0	1.2	1.4	0.0	
Business												
accounting.....	1.0	0.7	1.1	1.2	1.0	1.1	1.8	0.4	0.5	0.6	0.0	
business admin (general).....	8.1	7.5	11.2	5.6	10.4	8.8	13.0	12.0	13.1	14.7	2.3	
finance.....	4.7	4.0	4.7	2.8	7.9	8.3	9.6	6.4	4.5	5.2	0.0	
marketing.....	3.7	2.1	1.9	4.4	5.4	2.9	15.8	5.4	23.4	20.3	43.7	
management.....	8.0	5.6	3.4	10.6	9.8	12.8	12.4	3.6	3.3	3.6	1.6	
secretarial studies.....	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	
other business.....	2.0	1.4	2.2	1.6	3.0	2.5	0.7	4.9	1.0	1.1	0.0	
Education												
business education.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.5	
elementary education.....	0.2	0.4	0.0	0.2	0.0	0.0	0.0	0.0	1.9	2.1	0.0	
music or art education.....	0.3	0.5	0.2	0.0	0.6	1.0	0.0	0.0	0.0	0.0	0.0	
physical education or recreation.....	0.7	0.5	0.0	1.0	1.1	0.2	0.9	2.6	1.0	0.0	7.7	
secondary education.....	1.5	2.4	0.4	0.8	2.1	1.5	1.1	3.5	0.3	0.0	1.9	
special education.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
other education.....	1.2	2.5	0.0	0.1	2.4	4.1	0.0	0.5	4.2	4.8	0.0	
Engineering												
aeronautical/astronautical eng..	1.4	2.6	1.5	1.2	0.6	0.2	0.0	1.4	0.0	0.0	0.0	
civil engineering.....	1.5	1.7	2.0	1.9	0.2	0.4	0.0	0.0	2.6	2.3	4.6	
chemical engineering.....	0.6	0.6	2.2	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	
electrical/electronic eng.....	3.4	2.5	4.7	4.2	2.2	2.6	2.3	1.3	3.9	4.5	0.0	
industrial engineering.....	0.9	1.3	0.0	1.2	0.5	0.5	1.6	0.0	0.0	0.0	0.0	
mechanical engineering.....	1.5	1.1	1.7	2.3	0.4	0.4	0.5	0.5	4.4	5.0	0.0	
other engineering.....	0.8	0.6	1.3	1.0	0.4	0.2	0.0	0.8	1.3	1.5	0.0	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
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MALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
Probable Graduate Major											
Physical Sciences											
astronomy.....	0.1	0.0	0.4	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
atmospheric science.....	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
chemistry.....	1.1	0.7	1.4	0.4	2.2	3.5	0.4	0.9	0.0	0.0	0.0
earth science.....	0.2	0.0	0.5	0.0	0.4	0.5	0.0	0.5	0.0	0.0	0.0
marine science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mathematics.....	0.8	1.4	0.1	0.5	0.9	1.1	1.4	0.2	0.0	0.0	0.0
physics.....	0.8	0.5	1.8	1.0	0.3	0.1	1.1	0.2	0.0	0.0	0.0
statistics.....	0.3	0.0	0.0	0.7	0.2	0.0	0.7	0.2	0.0	0.0	0.0
other physical sciences.....	0.4	0.0	0.0	0.8	0.4	0.6	0.0	0.3	0.0	0.0	0.0
Professional											
architecture/urban planning.....	1.5	4.4	1.4	0.0	0.6	0.6	1.1	0.3	2.5	2.9	0.0
home economics.....	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
health technology.....	1.8	2.5	5.0	0.0	1.3	1.5	0.0	1.6	0.0	0.0	0.0
law.....	11.4	15.8	15.8	6.5	11.0	11.0	11.5	10.8	2.4	2.4	2.0
library or archival science.....	0.0	0.0	0.0	0.0	0.2	0.1	1.0	0.0	0.0	0.0	0.0
nursing.....	0.2	0.0	0.0	0.0	0.6	1.2	0.0	0.0	1.9	2.1	0.0
pharmacy.....	0.1	0.0	0.2	0.0	0.3	0.4	0.7	0.0	0.6	0.7	0.0
premed, premed, prevet.....	5.0	2.9	5.4	8.4	2.3	2.5	0.7	2.7	0.8	0.0	5.8
therapy (phys, occupat, etc).....	0.8	1.4	0.0	0.7	0.6	0.3	0.6	1.1	0.0	0.0	0.0
other professional.....	1.7	4.0	1.4	0.6	1.1	1.1	0.5	1.3	1.8	2.1	0.0
Social Sciences											
anthropology.....	0.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
economics.....	0.6	0.4	1.3	0.4	0.7	0.7	0.0	1.1	0.0	0.0	0.0
ethnic studies.....	0.1	0.0	0.4	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0
geography.....	0.1	0.0	0.0	0.2	0.2	0.2	0.0	0.2	0.0	0.0	0.0
political science.....	3.0	1.6	2.7	4.0	3.4	2.3	1.4	5.9	0.0	0.0	0.0
psychology.....	1.7	1.5	1.9	2.1	1.3	0.5	1.8	2.6	0.0	0.0	0.0
social work.....	1.3	0.0	0.2	3.5	0.1	0.0	0.5	0.0	0.0	0.0	0.0
sociology.....	0.3	0.0	0.5	0.3	0.3	0.3	1.1	0.0	0.0	0.0	0.0
women's studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences.....	0.7	1.2	0.8	0.7	0.2	0.0	0.0	0.6	0.0	0.0	0.0
Technical											
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.0	0.0
data processing, computer prog.....	1.1	0.0	0.4	2.4	0.7	0.2	0.4	1.8	1.2	1.3	0.0
drafting or design.....	0.5	1.0	0.0	0.0	0.8	1.5	0.0	0.0	0.7	0.8	0.0
electronics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	0.0
mechanics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.3	0.0
other technical.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Fields											
agriculture.....	0.4	0.8	1.2	0.0	0.2	0.3	0.0	0.0	2.3	2.7	0.0
communications.....	2.3	0.0	1.1	4.9	1.9	2.4	0.0	1.9	1.2	1.4	0.0
computer science.....	1.2	1.3	2.4	0.4	1.3	1.4	1.5	1.0	3.2	3.1	4.1
forestry.....	0.1	0.0	0.0	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0
law enforcement.....	0.1	0.0	0.0	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0
military science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0
other field.....	1.1	2.3	0.6	0.6	0.8	1.1	0.4	0.3	2.5	2.9	0.0
undecided.....	4.3	6.1	3.1	4.8	2.6	3.4	0.0	2.1	0.7	0.8	0.0

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
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MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
HOURS PER WEEK IN THE PAST YEAR SPENT ON												
Classes/Labs												
none.....	0.8	0.4	2.2	0.3	1.1	0.4	1.6	2.3		1.4	1.6	0.0
less than one.....	2.4	0.9	0.0	5.6	1.0	0.3	0.6	2.5		1.2	1.1	1.8
1 - 2.....	2.4	3.7	1.6	1.6	2.1	2.0	0.4	3.3		4.3	3.6	8.7
3 - 5.....	7.2	5.1	6.7	9.9	6.0	4.9	11.0	5.6		6.8	7.8	1.0
6 - 10.....	15.8	14.5	11.8	18.6	15.4	18.6	13.2	10.4		15.5	17.0	6.0
11 - 15.....	29.0	29.5	33.5	23.0	34.5	33.8	37.3	34.4		32.1	30.8	39.9
16 - 20.....	29.0	31.3	32.3	26.2	28.5	27.4	27.5	31.0		21.6	20.3	30.4
over 20.....	13.5	14.5	11.9	14.7	11.4	12.7	8.4	10.5		17.1	17.9	12.1
Studying/Homework												
none.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1.4	1.6	0.0
less than one.....	4.7	2.3	0.1	10.9	1.4	0.7	6.0	0.3		0.0	0.0	0.0
1 - 2.....	4.9	5.2	3.8	4.6	5.7	7.8	5.5	1.8		17.1	18.2	10.5
3 - 5.....	19.4	18.6	10.4	20.8	22.8	27.0	17.8	17.2		21.3	21.2	21.4
6 - 10.....	24.2	23.0	25.3	22.0	28.3	22.8	32.1	36.8		32.6	29.6	51.6
11 - 15.....	18.7	21.8	17.5	18.2	16.2	14.7	17.4	18.7		9.8	10.3	6.7
16 - 20.....	12.3	12.3	17.4	10.6	12.3	13.0	11.5	11.3		7.7	7.9	6.4
over 20.....	15.7	16.9	25.5	12.9	13.3	14.0	9.8	13.9		10.1	11.2	3.4
Socializing with Friends												
none.....	1.0	0.0	0.0	2.3	1.1	1.8	0.6	0.0		1.8	2.1	0.0
less than one.....	0.8	1.5	0.1	0.5	0.7	0.9	0.7	0.2		0.8	0.9	0.0
1 - 2.....	5.9	3.3	1.3	11.4	3.5	3.4	3.2	3.9		5.6	6.0	3.2
3 - 5.....	12.7	13.2	12.8	13.2	11.3	8.5	13.6	15.4		20.3	21.9	9.8
6 - 10.....	25.3	28.2	28.8	22.7	23.9	24.4	20.6	24.7		23.4	24.1	19.2
11 - 15.....	17.7	19.1	22.7	14.8	17.5	18.9	16.0	15.6		10.2	10.0	11.2
16 - 20.....	11.9	11.2	11.3	11.6	13.6	13.3	13.8	14.1		13.7	12.3	23.0
over 20.....	24.7	23.5	23.0	23.6	28.3	28.6	31.5	26.1		24.1	22.7	33.6
Talk with Faculty Outside Class												
none.....	9.1	9.2	7.0	12.0	6.1	7.5	4.7	4.3		10.7	9.9	15.5
less than one.....	40.0	47.1	42.4	38.2	33.0	30.2	47.1	31.1		42.5	43.5	36.5
1 - 2.....	34.6	33.0	37.9	31.0	39.7	41.3	33.0	40.2		29.2	28.0	36.8
3 - 5.....	13.3	8.1	10.6	16.2	16.9	17.6	12.8	17.7		8.0	8.6	4.3
6 - 10.....	2.2	2.4	1.8	1.7	3.0	2.6	1.1	4.9		3.1	2.6	6.1
11 - 15.....	0.6	0.2	0.3	1.0	0.5	0.6	0.4	0.6		0.5	0.5	0.8
16 - 20.....	0.1	0.0	0.0	0.0	0.5	0.2	0.7	1.0		6.0	6.9	0.0
over 20.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3		0.0	0.0	0.0
Exercising/Sports												
none.....	4.5	3.2	4.1	6.4	3.9	3.8	5.4	3.4		6.6	7.2	2.4
less than one.....	7.6	8.2	7.7	6.5	8.5	8.7	9.0	8.0		6.3	6.0	8.3
1 - 2.....	21.9	22.3	20.7	27.7	14.0	13.4	13.9	15.1		15.9	15.0	21.8
3 - 5.....	29.6	30.6	32.0	24.3	34.4	37.9	29.7	30.1		31.2	30.1	38.2
6 - 10.....	21.1	21.2	25.1	18.9	22.0	20.2	16.7	28.2		31.7	35.2	9.0
11 - 15.....	6.0	6.3	4.1	5.9	6.8	6.8	8.8	5.5		4.1	4.4	2.1
16 - 20.....	4.1	3.7	2.9	5.1	4.0	3.5	4.3	4.8		1.8	2.0	0.0
over 20.....	5.1	4.6	3.4	5.3	6.4	5.7	12.1	4.8		2.5	0.0	18.2

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MALE STUDENTS	Four-year Colleges										Two-year Colleges		
	All 4-yr	Universities											
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot		All	Pub	Priv	
HOURS PER WEEK IN THE PAST YEAR SPENT ON													
Reading for Pleasure													
none.....	19.1	15.5	19.0	20.8	21.1	24.3	16.2	17.6		28.6	29.8	21.3	
less than one.....	30.8	27.5	31.6	35.7	27.7	31.1	30.2	19.9		24.4	23.5	30.0	
1 - 2.....	28.7	28.6	29.3	28.5	28.7	24.0	29.9	37.0		25.0	25.8	19.5	
3 - 5.....	14.0	16.7	16.1	9.6	15.8	14.4	18.9	17.0		13.8	11.6	27.9	
6 - 10.....	5.9	9.1	3.3	4.6	4.9	4.4	3.7	6.7		5.0	5.7	0.6	
11 - 15.....	0.9	1.9	0.3	0.2	1.0	0.7	0.7	1.6		2.7	3.0	0.7	
16 - 20.....	0.4	0.4	0.0	0.2	0.7	1.1	0.2	0.2		0.5	0.6	0.0	
over 20.....	0.2	0.3	0.4	0.3	0.0	0.0	0.2	0.0		0.0	0.0	0.0	
Using a Personal Computer													
none.....	22.3	21.7	15.0	25.3	22.4	20.4	28.6	23.0		32.9	33.1	31.8	
less than one.....	17.7	19.7	15.4	15.8	18.8	19.5	17.9	18.0		20.1	20.0	20.9	
1 - 2.....	20.5	22.6	20.0	20.2	18.7	15.3	20.6	24.4		13.7	14.4	9.2	
3 - 5.....	22.0	23.7	26.4	21.1	19.3	20.8	16.5	17.8		17.1	15.9	25.3	
6 - 10.....	9.0	5.2	13.7	7.8	12.7	17.3	8.5	6.0		8.4	8.5	8.0	
11 - 15.....	4.0	3.0	4.6	4.5	4.2	2.8	4.8	6.8		3.6	3.6	3.9	
16 - 20.....	2.7	2.4	1.5	3.9	1.8	1.6	2.6	1.9		1.9	2.2	0.0	
over 20.....	1.8	1.7	3.4	1.3	2.0	2.3	0.5	2.1		2.1	2.3	0.9	
Partying													
none.....	11.2	5.5	6.3	13.9	16.7	16.6	6.0	22.4		16.1	16.5	13.1	
less than one.....	10.8	9.3	7.6	15.0	8.4	8.6	7.4	8.6		9.6	7.6	22.6	
1 - 2.....	16.4	16.6	16.9	16.3	15.9	19.5	15.7	9.0		18.2	19.9	7.4	
3 - 5.....	22.1	25.8	28.3	16.1	23.0	21.4	24.5	25.2		19.8	21.7	8.2	
6 - 10.....	19.3	24.1	18.8	16.9	17.3	16.8	18.6	17.7		12.8	13.1	11.2	
11 - 15.....	6.9	8.3	11.2	4.1	7.1	7.5	5.7	7.0		9.7	10.3	6.1	
16 - 20.....	4.9	6.9	4.3	3.6	4.7	3.3	11.2	4.1		5.3	1.7	28.0	
over 20.....	8.3	3.4	6.7	14.1	6.9	6.3	11.0	6.0		8.4	9.2	3.3	
Working (for Pay)													
none.....	30.3	31.6	29.0	32.5	26.6	27.1	24.3	26.8		34.3	35.1	29.2	
less than one.....	3.1	2.8	2.4	3.7	2.8	3.4	0.2	3.1		1.3	1.6	0.0	
1 - 2.....	2.3	2.3	4.5	0.9	3.2	3.4	3.5	2.5		1.7	1.7	1.5	
3 - 5.....	6.1	3.6	7.2	5.0	10.0	10.5	7.6	10.3		3.2	3.0	4.2	
6 - 10.....	11.6	13.5	22.1	5.3	13.0	11.1	15.2	15.5		16.7	18.1	7.3	
11 - 15.....	10.0	8.5	11.9	8.3	13.3	11.9	18.9	13.2		7.2	7.8	3.6	
16 - 20.....	16.6	17.0	13.8	18.8	14.3	15.5	14.5	11.9		14.5	13.2	22.5	
over 20.....	19.9	20.6	9.2	25.4	16.8	17.1	15.8	16.8		21.2	19.5	31.7	
Volunteer Work													
none.....	61.8	66.6	59.5	60.2	59.4	59.7	68.8	53.9		65.5	65.1	68.2	
less than one.....	18.0	17.1	19.2	19.6	16.1	15.7	12.4	18.9		22.5	22.2	24.0	
1 - 2.....	11.2	9.7	10.9	9.8	15.0	15.8	9.0	16.6		5.0	5.5	1.3	
3 - 5.....	4.8	3.9	6.3	4.5	5.4	5.6	5.3	5.1		3.1	3.0	4.2	
6 - 10.....	1.9	1.7	2.4	1.5	2.3	1.6	4.1	2.5		2.3	2.4	1.8	
11 - 15.....	0.4	0.4	0.7	0.2	0.4	0.5	0.0	0.5		1.3	1.5	0.0	
16 - 20.....	0.4	0.4	0.3	0.6	0.2	0.0	0.4	0.3		0.3	0.3	0.6	
over 20.....	1.6	0.2	0.7	3.5	1.2	1.1	0.0	2.2		0.0	0.0	0.0	

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MALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Four-year Colleges					All	Pub	Priv	
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
HOURS PER WEEK IN THE PAST YEAR SPENT ON												
Student Clubs/Groups												
none.....	37.1	39.3	27.6	40.4	34.4	34.4	37.3	32.8	53.6	56.7	34.0	
less than one.....	15.7	13.5	12.0	19.4	15.1	13.2	16.8	17.9	13.6	10.1	35.7	
1 - 2.....	21.3	19.7	24.8	20.8	22.0	24.7	22.3	16.7	18.7	20.3	8.6	
3 - 5.....	14.4	15.3	16.6	12.5	15.1	13.5	13.6	19.0	7.7	6.8	13.7	
6 - 10.....	6.3	6.8	9.4	3.9	7.6	8.1	5.4	7.9	5.1	5.3	3.6	
11 - 15.....	2.5	3.9	3.4	1.0	2.4	2.4	2.0	2.8	0.6	0.3	2.3	
16 - 20.....	1.0	0.5	1.2	0.6	1.9	2.1	0.8	2.0	0.4	0.5	0.0	
over 20.....	1.8	1.0	5.0	1.5	1.5	1.7	1.9	0.9	0.3	0.0	2.2	
Watching TV												
none.....	6.3	5.1	10.4	6.1	6.3	6.2	4.5	7.2	4.9	5.5	1.1	
less than one.....	11.0	10.5	11.5	12.6	9.4	8.5	11.8	10.1	9.7	11.2	0.0	
1 - 2.....	21.4	17.9	19.4	24.5	22.1	21.8	20.7	23.6	17.6	15.3	32.2	
3 - 5.....	29.0	27.9	27.7	29.3	30.4	32.2	24.3	30.2	24.8	24.2	28.2	
6 - 10.....	17.1	20.7	19.9	14.6	15.1	14.1	18.3	15.3	17.4	18.5	9.9	
11 - 15.....	8.0	12.2	8.3	3.3	9.2	10.0	11.1	6.7	12.9	12.0	18.5	
16 - 20.....	2.9	4.2	1.9	1.8	3.2	2.6	5.5	3.0	3.9	3.8	4.5	
over 20.....	4.3	1.6	0.9	7.9	4.2	4.5	3.8	3.9	9.0	9.5	5.5	
Commuting to Campus												
none.....	38.1	28.9	52.4	29.5	53.8	54.4	44.6	57.4	31.4	31.5	31.2	
less than one.....	21.1	24.0	15.7	24.5	15.5	13.9	15.7	18.4	17.7	18.9	9.7	
1 - 2.....	18.3	24.2	15.7	16.8	14.7	14.5	20.2	12.1	17.4	16.1	25.7	
3 - 5.....	13.9	15.9	10.8	16.2	9.9	9.7	13.6	8.3	18.3	16.2	31.3	
6 - 10.....	5.4	5.9	4.5	6.2	4.0	4.6	4.3	2.6	6.3	7.1	1.4	
11 - 15.....	0.6	0.7	0.6	0.1	1.2	1.4	1.3	0.6	6.5	7.6	0.0	
16 - 20.....	0.4	0.3	0.2	0.7	0.4	0.6	0.0	0.1	2.0	2.2	0.7	
over 20.....	2.2	0.0	0.0	6.0	0.7	0.9	0.2	0.5	0.4	0.4	0.0	
Religious Services/Meetings												
none.....	51.5	56.3	56.1	48.7	47.2	50.8	40.9	43.6	56.7	60.6	31.4	
less than one.....	19.1	21.0	13.1	22.1	15.5	12.9	26.5	14.8	20.2	18.8	29.2	
1 - 2.....	21.8	17.2	27.4	21.7	24.7	22.1	27.8	28.1	18.6	17.0	28.6	
3 - 5.....	6.0	4.7	2.0	5.9	9.5	10.5	3.0	11.1	2.4	1.7	7.2	
6 - 10.....	1.2	0.4	1.3	1.2	2.0	2.5	0.9	1.5	1.7	1.5	3.1	
11 - 15.....	0.3	0.4	0.1	0.1	0.6	0.7	0.0	0.6	0.0	0.0	0.0	
16 - 20.....	0.2	0.0	0.0	0.2	0.4	0.5	0.0	0.2	0.1	0.0	0.6	
over 20.....	0.0	0.0	0.0	0.0	0.1	0.0	0.9	0.0	0.4	0.4	0.0	
Hobbies												
none.....	20.9	15.8	20.9	22.7	24.3	26.2	19.9	22.9	15.6	15.8	14.2	
less than one.....	18.8	18.5	22.7	19.6	16.3	13.3	16.3	21.9	21.1	23.4	6.5	
1 - 2.....	23.8	29.7	24.6	16.8	25.8	24.6	30.1	25.8	20.7	19.6	27.3	
3 - 5.....	22.0	18.9	19.5	26.7	20.5	21.8	17.7	19.4	17.6	16.6	23.9	
6 - 10.....	9.0	9.6	9.2	9.1	8.1	9.3	6.8	6.4	12.0	10.1	24.3	
11 - 15.....	2.2	3.5	1.8	1.1	2.4	2.1	6.5	1.1	4.8	5.2	2.2	
16 - 20.....	0.8	1.9	0.0	0.2	0.8	0.9	0.8	0.5	1.6	1.5	1.7	
over 20.....	2.5	2.1	1.3	3.8	1.8	1.6	1.9	2.0	6.6	7.7	0.0	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Year Graduated from High School												
1985.....	98.3	99.9	100.0	97.8	96.6	99.3	90.5	97.1		87.8	85.9	100.0
1984.....	0.6	0.1	0.0	0.7	1.0	0.4	0.5	2.1		2.1	2.4	0.0
1983.....	0.3	0.0	0.0	0.7	0.2	0.0	0.0	0.7		0.0	0.0	0.0
1982 or earlier.....	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0		8.1	9.4	0.0
H.S. equivalency (G.E.D. test)...	0.7	0.0	0.0	0.3	1.9	0.0	8.6	0.0		1.7	2.0	0.0
never completed high school.....	0.1	0.0	0.0	0.0	0.2	0.3	0.3	0.1		0.3	0.3	0.0
Age on December 31, 1989												
20 or younger.....	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0		0.0	0.0	0.0
21.....	3.2	3.2	5.4	2.3	3.5	4.3	3.2	2.6		1.4	1.3	1.5
22.....	80.7	83.5	86.1	81.3	75.4	79.1	72.1	72.7		71.4	72.9	62.2
23.....	14.6	12.5	8.5	14.7	18.6	16.2	15.8	23.5		18.7	15.9	36.2
24.....	0.7	0.8	0.0	1.1	0.2	0.1	0.2	0.4		0.4	0.5	0.0
25-28.....	0.6	0.0	0.0	0.0	2.2	0.0	8.6	0.8		1.6	1.9	0.0
29-33.....	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0		0.6	0.7	0.0
34-43.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		6.0	6.9	0.0
44-58.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
59 or older.....	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Racial Background (1)												
White/Caucasian.....	84.4	91.0	85.7	79.1	83.8	80.6	80.0	90.5		83.8	82.0	94.8
Black/Negro/Afro-American.....	11.4	5.2	5.0	17.8	12.1	17.7	5.5	9.1		13.4	15.1	3.0
American Indian.....	1.0	0.3	1.7	1.4	0.9	1.1	0.8	0.8		0.3	0.3	0.0
Asian-American/Oriental.....	2.0	2.6	6.0	1.3	0.9	1.0	1.8	0.2		0.6	0.8	0.0
Mexican-American/Chicano.....	1.5	1.0	2.4	0.2	3.3	1.6	11.1	0.3		1.3	1.2	2.2
Puerto Rican-American.....	0.3	0.0	0.6	0.2	0.6	0.2	2.0	0.2		0.1	0.1	0.0
other.....	1.1	1.0	4.3	0.8	0.6	1.1	0.5	0.0		0.9	1.0	0.0
Miles from Home to College												
5 or less.....	5.2	2.7	1.9	7.7	5.7	6.4	7.1	3.8		13.5	15.0	5.4
6-10.....	7.2	4.4	6.6	9.5	7.3	4.2	20.2	2.9		15.8	16.1	13.9
11-50.....	25.9	23.2	17.1	36.5	19.5	18.0	24.8	17.9		36.7	35.9	40.9
51-100.....	17.2	17.3	6.8	20.7	16.9	15.6	17.2	18.2		19.9	20.9	14.2
101-500.....	33.5	47.6	32.6	20.6	35.1	37.3	21.6	41.1		13.5	11.8	22.9
more than 500.....	11.1	4.8	35.0	5.0	15.5	18.4	9.0	16.1		0.7	0.3	2.7
Marital Status in 1985												
not presently married.....	99.6	100.0	100.0	98.8	100.0	100.0	100.0	100.0		93.4	92.3	100.0
married, living with spouse.....	0.2	0.0	0.0	0.6	0.0	0.0	0.0	0.0		5.1	5.9	0.0
married, not living with spouse.....	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0		1.5	1.8	0.0
Marital Status in 1989												
not presently married.....	91.8	92.9	96.2	89.7	91.6	95.2	94.9	84.9		82.6	84.0	74.2
married, living with spouse.....	8.1	7.1	3.8	10.1	8.2	4.6	5.1	15.0		16.2	15.0	24.0
married, not living with spouse.....	0.1	0.0	0.0	0.2	0.2	0.3	0.0	0.1		1.1	1.0	1.8

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	Priv	Nons	Cath	Prot				
Average High School Grade												
A or A+.....	14.7	17.6	31.2	7.9	13.8	12.2	11.4	17.4		4.3	4.8	1.5
A-.....	16.4	15.7	29.1	14.9	14.3	13.8	11.8	16.6		6.8	6.9	5.7
B+.....	22.4	19.5	22.5	24.1	23.1	23.9	22.0	22.9		15.9	17.0	8.9
B.....	23.3	23.4	11.2	25.8	24.5	22.8	33.1	21.2		30.1	28.5	40.2
B-.....	10.8	8.0	5.5	12.5	13.2	16.8	7.1	12.6		15.9	15.6	18.0
C+.....	7.7	10.4	0.6	9.3	5.9	5.5	5.2	6.9		15.6	15.0	19.3
C.....	4.8	5.4	0.0	5.5	5.2	5.1	9.5	2.4		10.8	11.5	6.4
D.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.6	0.7	0.0
Average Undergraduate Grade												
A.....	7.5	5.9	8.0	8.5	7.8	5.7	7.3	11.0		7.9	8.4	5.2
B+,A-.....	27.9	27.9	45.0	21.2	29.3	28.9	22.6	34.2		17.9	17.4	20.9
B.....	35.2	29.2	31.9	38.3	38.6	39.0	47.5	32.3		23.4	23.6	22.4
C+,B-.....	20.3	23.1	12.8	24.8	15.5	15.1	16.0	15.7		19.0	15.5	38.6
C.....	7.8	11.2	2.4	6.4	8.0	11.1	6.6	4.9		22.5	24.2	12.9
C- or less.....	1.3	2.8	0.0	0.9	0.7	0.3	0.0	1.8		9.3	11.0	0.0
Degree Aspirations in 1985												
none.....	0.9	0.5	0.0	1.5	0.8	1.3	0.0	0.6		7.0	8.5	0.0
vocational certificate.....	0.1	0.0	0.0	0.0	0.3	0.2	0.0	0.7		0.7	0.9	0.0
associate (A.A. or equivalent).....	0.2	0.5	0.0	0.0	0.2	0.4	0.2	0.0		13.6	10.6	28.0
bachelor's (B.A., B.S., etc.).....	36.2	42.0	20.4	43.1	29.0	28.5	24.0	33.4		42.8	42.9	42.0
master's (M.A., M.S., etc.).....	34.6	32.5	38.0	33.7	36.2	36.2	38.8	34.5		25.9	27.1	20.3
Ph.D. or Ed.D.....	12.4	10.5	18.4	8.9	15.9	18.1	15.1	13.5		5.4	5.7	3.9
M.D., D.O., D.D.S., D.V.M.....	9.7	10.5	14.5	6.8	10.3	8.9	13.9	9.7		2.0	2.0	2.1
LL.B. or J.D. (law).....	4.4	2.3	7.9	3.5	5.9	5.2	7.1	5.9		1.3	0.8	3.6
B.D. or M.Div. (divinity).....	0.6	0.5	0.3	1.1	0.2	0.2	0.3	0.2		0.0	0.0	0.0
other.....	1.1	0.7	0.4	1.5	1.2	1.1	0.5	1.6		1.3	1.6	0.0
Highest Degree Earned by 1989												
none.....	36.7	48.6	20.4	38.5	29.2	26.6	34.7	29.1		30.9	34.5	9.6
vocational certificate.....	1.1	0.2	0.5	2.7	0.6	0.5	0.0	1.0		5.1	5.4	3.4
associate (A.A. or equivalent).....	6.8	7.1	1.5	10.6	4.1	5.7	2.5	3.0		45.7	40.7	75.4
bachelor's (B.A., B.S., etc.).....	53.8	42.8	76.1	45.9	64.8	66.5	61.5	64.9		17.6	18.6	11.7
master's (M.A., M.S., etc.).....	0.2	0.3	1.1	0.2	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Ph.D. or Ed.D.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2		0.0	0.0	0.0
M.D., D.O., D.D.S., D.V.M.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
J.D. or LL.B. (law).....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
B.D. or M.Div. (divinity).....	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.7		0.0	0.0	0.0
other.....	1.3	1.1	0.4	2.1	1.0	0.8	1.3	1.2		0.7	0.8	0.0
Degree Aspirations in 1989												
none.....	2.4	1.3	2.2	2.6	3.1	2.4	3.6	3.8		4.9	4.4	8.0
vocational certificate.....	1.2	0.4	0.5	0.7	2.7	5.0	1.5	0.5		0.2	0.3	0.0
associate (A.A. or equivalent).....	1.8	4.9	0.4	0.7	0.5	0.9	0.5	0.0		16.5	17.8	7.8
bachelor's (B.A., B.S., etc.).....	22.3	28.8	15.2	24.4	16.3	12.7	18.9	19.3		33.3	31.3	47.0
master's (M.A., M.S., etc.).....	43.8	44.2	39.1	46.9	41.9	45.8	38.9	38.8		32.6	34.1	22.1
Ph.D. or Ed.D.....	15.4	12.3	18.6	15.4	17.1	19.0	12.3	17.8		5.0	4.8	6.2
M.D., D.O., D.D.S., D.V.M.....	4.3	4.3	7.6	3.2	4.2	3.4	7.6	3.0		0.7	0.8	0.0
J.D. or LL.B. (law).....	5.6	3.1	12.2	3.6	8.0	6.9	13.7	5.6		2.4	2.4	1.8
B.D. or M.Div. (divinity).....	0.3	0.0	0.0	0.0	1.0	0.6	0.8	1.6		0.1	0.0	0.7
other.....	3.0	0.7	4.2	2.5	5.1	3.3	2.1	9.6		4.3	4.0	6.3

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ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub						All	Pub	Priv
		Pub	Priv		All Priv	Nons	Cath	Prot				
Freshman College was Student's												
first choice.....	74.7	79.4	77.2	70.2	74.4	73.0	78.8	73.4	78.4	78.7	76.6	
second choice.....	18.2	16.3	15.2	19.6	19.4	20.5	16.7	19.8	15.4	15.5	14.7	
third choice.....	5.3	2.2	5.9	8.7	4.3	5.6	3.1	3.5	5.6	5.1	8.7	
less than third choice.....	1.8	2.2	1.6	1.5	1.8	0.8	1.4	3.3	0.7	0.8	0.0	
College Experiences Noted Very Satisfactory or Satisfactory (2)												
science and mathematics courses..	61.1	49.7	60.0	68.3	64.7	59.5	71.2	67.1	68.1	65.5	85.0	
humanities courses.....	79.7	80.6	88.5	75.7	80.2	81.9	77.6	79.6	67.8	66.0	77.4	
social science courses.....	76.5	72.8	82.2	75.4	79.2	80.7	74.9	79.7	65.2	63.7	74.4	
courses in major field.....	83.9	79.0	89.2	86.6	83.5	90.0	78.3	78.2	78.3	78.1	79.8	
general education requirements..	65.7	61.7	73.3	64.1	68.5	69.8	68.3	67.1	63.4	59.7	86.5	
relevance of coursework to life..	55.4	46.7	56.5	58.5	59.7	57.6	61.5	61.3	49.7	45.3	74.9	
overall quality of instruction..	74.6	67.0	85.3	70.8	82.4	83.6	76.8	84.3	70.9	68.9	82.5	
lab facilities and equipment....	67.1	69.3	75.3	67.6	62.1	56.1	59.4	71.0	73.7	71.8	83.9	
library facilities.....	71.5	80.9	74.6	72.1	61.0	62.1	56.4	62.6	82.4	83.2	77.5	
computer facilities.....	72.3	75.5	81.3	70.2	68.6	71.2	64.1	68.1	79.8	81.8	64.5	
oppty for interdisciplin courses	57.3	60.1	62.4	51.7	59.0	57.9	58.6	60.6	41.7	42.9	34.4	
oppty to talk to professors.....	78.8	69.8	81.2	79.3	85.9	89.2	80.8	84.9	74.2	72.9	82.6	
oppty for extracurr activities..	79.0	78.4	80.4	80.0	77.9	81.6	61.4	82.3	56.4	53.1	76.7	
campus social life.....	65.4	78.3	58.4	63.1	57.8	58.1	46.4	64.1	57.8	56.2	67.6	
regulations on campus life.....	46.8	53.2	47.9	42.3	45.3	55.0	30.6	41.3	45.7	46.0	43.6	
academic tutoring or assistance..	62.2	60.8	55.6	62.5	65.2	67.8	53.2	69.9	55.4	52.3	74.2	
academic advising.....	46.0	40.3	36.8	47.0	53.2	55.3	40.5	59.0	50.0	47.3	67.9	
career counseling and advising..	43.0	43.2	39.9	44.2	42.6	47.8	32.5	42.6	46.3	44.7	59.1	
personal counseling.....	51.9	50.3	47.1	52.1	54.5	54.3	43.8	60.6	43.9	38.9	75.1	
student housing.....	58.6	55.1	68.4	52.1	64.6	67.2	57.2	65.2	49.4	44.9	73.5	
financial aid services.....	46.6	38.0	48.9	43.4	55.6	54.9	56.6	55.7	49.0	44.7	75.7	
contact with faculty and admin..	64.0	52.3	62.2	60.8	79.3	81.5	76.5	78.2	57.8	54.6	77.8	
relations with faculty & admin..	66.8	55.8	65.2	64.3	80.3	81.2	74.8	82.7	64.8	62.7	79.5	
oppty to attend films.concerts..	77.6	84.9	81.9	76.2	70.7	72.2	63.9	73.1	67.1	67.5	64.4	
job placement services.....	44.9	45.9	47.7	48.2	39.8	44.1	31.1	39.2	44.2	45.4	36.7	
campus health services.....	56.7	60.1	53.4	57.3	54.1	52.0	64.9	50.9	55.1	54.0	61.4	
overall college experience.....	79.8	80.4	83.7	80.1	77.5	81.4	71.5	76.3	70.6	69.9	75.0	
Enroll at Freshman College Again												
definitely yes.....	38.6	41.9	41.1	35.5	38.0	43.7	28.6	37.1	41.1	39.9	49.0	
probably yes.....	30.0	27.0	33.8	32.2	29.1	28.2	32.8	27.8	24.1	24.7	20.6	
don't know.....	5.2	7.3	3.3	5.0	4.1	4.4	4.3	3.7	2.3	1.4	7.8	
probably not.....	15.1	17.3	14.1	14.7	13.8	12.7	14.8	14.5	19.8	20.4	16.3	
definitely not.....	11.1	6.5	7.7	12.6	14.9	11.0	19.5	16.9	12.6	13.6	6.4	

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot		All	Pub	Priv
Student Took Time Off, Withdrew or Transferred												
no.....	68.9	68.1	77.8	71.8	63.2	65.7	59.0	62.8		46.5	45.1	55.6
transferred.....	17.5	20.3	14.7	11.4	22.7	18.0	28.0	25.4		19.4	18.9	22.8
withdrew.....	7.8	8.2	2.4	8.6	8.3	9.6	6.2	7.8		19.2	21.0	7.9
leave of absence.....	5.8	3.4	5.1	8.2	5.9	6.7	6.8	4.0		14.8	15.0	13.8
Reasons Noted as Very Important for Taking Time Off (3)												
reconsider goals & interests....	46.3	48.2	53.8	42.7	46.1	47.2	59.7	34.3		52.9	53.5	48.0
changed career plans.....	33.7	39.4	29.7	31.5	31.8	27.1	50.0	23.7		31.4	29.5	47.3
wanted practical experience....	20.6	28.6	14.4	13.0	21.9	27.7	20.7	15.5		23.6	22.4	33.6
didn't "fit in".....	20.5	21.2	28.4	21.4	17.5	12.6	19.4	22.4		11.7	10.5	21.5
was bored with course work.....	13.8	13.4	10.9	14.3	14.3	7.3	22.8	16.6		25.0	27.4	5.9
wanted better acad. reputation..	19.0	17.0	11.1	17.3	23.5	16.1	28.1	28.7		19.6	19.2	22.8
wanted better social life.....	11.0	7.8	17.4	6.1	16.6	9.0	27.6	17.8		12.0	12.8	6.0
wanted to be closer to home....	14.4	12.2	17.5	12.2	17.5	15.6	18.2	19.3		8.6	7.1	20.5
had good job offer.....	9.1	8.6	5.7	7.0	12.1	18.8	10.8	4.5		8.7	9.3	4.2
wasn't doing well academically..	20.7	24.7	17.2	25.4	14.1	10.8	14.5	18.1		36.6	39.7	11.7
family responsibilities.....	15.0	6.8	10.8	24.3	14.5	13.5	12.6	17.3		37.6	40.3	15.7
tired of being student.....	6.5	4.1	8.3	7.6	7.3	9.5	6.1	5.3		23.1	24.4	12.8
couldn't afford college.....	22.4	24.8	26.2	20.2	21.5	18.7	17.5	28.2		12.5	12.6	11.5
wanted wider course selection...	25.4	19.5	22.0	14.8	39.3	36.1	38.4	43.5		24.0	22.1	38.9
ENROLLMENT STATUS												
First Year												
attended first college full-time	98.9	98.6	99.8	98.9	99.1	98.8	99.3	99.2		95.4	94.8	99.4
attended first college part-time	0.2	0.4	0.2	0.0	0.4	0.5	0.6	0.0		3.2	3.6	0.6
attended diff college full-time.	0.5	0.6	0.0	0.4	0.6	0.7	0.0	0.8		1.1	1.2	0.0
attended diff college part-time.	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0		0.4	0.4	0.0
not enrolled.....	0.2	0.0	0.0	0.8	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Second Year												
attended first college full-time	82.4	81.3	86.5	82.4	82.0	85.6	74.9	82.1		74.7	76.4	65.1
attended first college part-time	2.6	2.9	1.0	2.8	2.8	1.1	4.5	3.9		10.8	11.8	5.4
attended diff college full-time.	10.2	9.1	10.3	9.4	12.1	11.6	17.3	9.5		9.1	7.0	21.2
attended diff college part-time.	1.6	0.9	0.8	2.9	1.2	1.3	0.2	1.7		2.8	2.9	2.7
not enrolled.....	3.1	5.8	1.4	2.6	1.8	0.4	3.0	2.8		2.5	2.0	5.6
Third Year												
attended first college full-time	73.3	70.4	80.0	81.5	65.0	66.8	68.8	60.2		27.4	31.5	5.5
attended first college part-time	2.6	2.1	1.5	1.9	4.3	6.4	1.2	3.7		5.6	6.3	2.0
attended diff college full-time.	15.0	13.8	15.7	9.7	21.5	21.1	18.4	24.0		38.8	36.7	49.9
attended diff college part-time.	3.0	3.2	1.9	2.4	3.7	2.1	5.5	4.5		2.9	3.2	1.3
not enrolled.....	6.1	10.6	0.9	4.6	5.6	3.6	6.1	7.7		25.3	22.3	41.2
Fourth Year												
attended first college full-time	74.5	72.9	79.0	80.1	68.3	70.8	71.1	63.3		24.5	28.3	6.1
attended first college part-time	1.9	1.1	3.2	2.1	2.0	1.6	3.0	1.7		3.5	3.0	5.9
attended diff college full-time.	13.4	13.8	14.1	7.5	19.1	16.1	15.1	25.3		31.9	30.2	39.5
attended diff college part-time.	2.6	1.8	2.5	3.0	3.1	3.2	5.1	1.6		5.1	5.9	1.8
not enrolled.....	7.5	10.4	1.3	7.2	7.6	8.3	5.7	8.0		35.0	32.6	46.7

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Have Met or Exceeded Recommended Years of High School Study (4)												
English (4 years).....	93.3	91.8	99.3	92.4	93.4	95.0	88.2	94.8		92.8	91.7	99.4
mathematics (3 years).....	89.5	90.5	96.6	87.0	88.7	86.0	92.1	90.0		73.6	72.3	81.9
foreign language (2 years).....	76.5	76.6	91.1	70.3	77.9	77.9	86.3	72.2		51.4	50.3	57.6
physical science (2 years).....	53.9	50.4	68.7	56.1	49.6	46.4	50.0	53.5		43.6	46.7	25.5
biological science (2 years).....	40.2	42.8	38.7	38.1	40.6	43.5	38.8	38.1		23.7	23.7	23.9
history or Am gov (1 year).....	99.7	99.7	100.0	100.0	99.1	98.8	99.5	99.3		98.8	98.6	100.0
computer science (1/2 year).....	55.1	53.5	63.6	57.0	51.6	48.9	52.6	54.3		55.4	56.8	46.9
art or music (1 year).....	67.7	63.2	68.9	69.8	69.1	66.2	66.3	74.7		57.5	54.8	73.5
Number of Undergraduate Courses Taken Which Emphasize:												
Writing Skills												
none.....	1.5	1.5	1.9	2.0	0.9	1.6	0.4	0.4		14.9	16.3	6.0
1 - 2.....	34.6	43.3	29.4	31.3	31.8	31.8	27.3	34.6		37.5	37.6	36.8
3 - 5.....	35.6	32.0	30.2	43.5	32.1	31.1	33.8	32.2		28.7	26.5	42.8
6 - 8.....	12.5	9.6	17.2	11.8	14.5	13.6	23.5	9.8		13.2	14.0	8.1
9 or more.....	15.8	13.5	21.3	11.4	20.8	22.0	15.0	23.0		5.8	5.7	6.4
Math/Understanding Numbers												
none.....	5.7	3.1	7.8	6.0	7.0	9.4	3.2	6.3		20.0	21.6	10.4
1 - 2.....	36.9	36.7	33.5	31.4	44.1	43.0	41.8	47.2		38.4	37.0	47.5
3 - 5.....	37.6	36.9	37.0	44.7	30.6	31.6	35.1	26.4		33.2	33.1	34.0
6 - 8.....	11.6	14.2	14.3	9.7	10.2	9.3	8.9	12.3		5.4	5.3	6.1
9 or more.....	8.3	9.1	7.3	8.1	8.0	6.7	11.0	7.9		2.9	3.0	2.1
Science/Scientific Inquiry												
none.....	6.5	9.6	5.4	6.0	4.4	4.4	5.3	3.8		21.1	22.6	12.0
1 - 2.....	40.8	28.3	37.8	47.2	46.3	50.8	50.6	37.7		39.9	38.7	46.9
3 - 5.....	27.6	32.0	28.0	23.9	27.3	28.6	21.1	29.7		25.8	25.7	26.4
6 - 8.....	7.4	8.5	7.5	6.4	7.4	4.6	6.5	11.5		5.2	4.3	10.4
9 or more.....	17.8	21.5	21.4	16.4	14.6	11.5	16.5	17.3		8.0	8.6	4.3
History/Historical Analysis												
none.....	9.5	14.1	6.5	9.9	5.6	6.2	6.9	4.0		34.9	37.4	19.8
1 - 2.....	45.9	46.6	38.5	46.9	46.7	48.7	42.4	46.9		46.5	45.8	50.8
3 - 5.....	33.7	32.0	37.3	33.3	34.3	33.3	30.8	37.9		13.5	11.6	24.9
6 - 8.....	6.3	5.6	9.3	5.2	7.1	5.1	13.4	5.6		3.8	4.1	2.4
9 or more.....	4.7	1.8	8.5	4.6	6.2	6.6	6.5	5.6		1.2	1.1	2.1
Foreign Language Skills												
none.....	48.0	47.1	32.5	58.4	42.6	42.9	39.6	44.1		68.9	68.7	69.8
1 - 2.....	29.4	28.4	27.8	28.7	31.7	29.3	33.5	33.6		23.2	23.5	21.0
3 - 5.....	15.3	18.0	24.5	8.9	16.5	20.5	12.8	13.8		6.5	6.4	7.7
6 - 8.....	2.9	2.1	7.6	2.0	3.2	2.9	3.0	3.6		0.9	0.8	1.5
9 or more.....	4.4	4.5	7.6	1.9	6.0	4.4	11.1	4.8		0.6	0.7	0.0

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges										Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv	
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot					
Events Considered Very Likely to Occur (in 1985)													
be elected to student office....	4.6	4.6	7.1	4.0	4.4	4.7	1.6	5.7	1.7	1.6	2.4		
be satisfied with college.....	59.7	59.9	68.5	57.0	59.2	55.0	62.7	62.4	51.6	48.9	67.3		
change career choice.....	17.5	21.6	21.8	14.3	15.7	15.2	12.3	18.4	4.2	4.2	4.3		
change major field.....	17.0	20.0	21.2	14.1	15.9	17.0	11.5	17.3	6.4	6.6	4.9		
drop out permanently.....	1.4	3.1	1.1	0.1	1.3	2.4	0.1	0.6	0.8	0.7	1.0		
drop out temporarily.....	1.1	0.7	0.8	1.0	1.8	2.7	0.5	1.4	0.7	0.6	1.0		
get job to pay expenses.....	42.8	41.0	45.3	45.7	40.4	35.5	48.0	41.8	39.7	39.4	41.3		
get married while in college....	4.7	5.1	3.2	5.1	4.5	5.1	3.6	4.3	4.4	4.8	1.7		
graduate with honors.....	12.7	9.6	16.9	13.1	13.6	15.3	10.5	13.5	10.2	11.0	5.2		
join social frat or sorority....	26.6	30.3	35.2	19.6	27.5	30.1	26.1	24.8	10.8	9.4	19.5		
make at least "B" average.....	41.3	37.3	55.4	41.6	39.5	39.3	38.3	40.6	28.4	26.5	40.0		
participate in student protests..	6.2	4.7	10.0	5.9	6.3	7.4	5.2	5.7	1.2	1.3	0.7		
play varsity athletics.....	12.4	11.3	13.3	9.5	16.1	17.6	9.5	18.4	17.2	18.4	9.8		
transfer to another college.....	10.6	12.1	4.1	12.7	9.4	9.1	7.7	10.9	10.9	11.7	6.3		
work at outside job.....	19.5	19.2	16.1	21.0	19.4	14.7	33.1	16.7	27.2	30.5	6.9		
work full-time while attending..	2.9	2.4	0.0	3.1	4.0	1.2	10.7	3.3	2.3	2.7	0.0		
Events Occurring by 1989													
elected to student office.....	21.6	17.4	27.2	19.3	26.0	27.6	18.5	28.8	10.5	9.7	16.8		
satisfied with freshman coll (5)	79.4	79.7	83.4	80.0	77.2	81.0	71.2	76.1	69.6	69.3	71.4		
changed career choice (5).....	59.0	61.9	59.2	57.1	58.2	66.0	49.5	54.2	58.8	58.4	60.8		
changed major field (5).....	52.2	53.2	55.8	50.2	51.8	56.2	45.8	50.2	58.3	61.7	40.7		
dropped out permanently (5)....	7.6	8.1	2.3	8.5	7.9	9.4	6.1	7.2	18.8	20.6	7.4		
dropped out temporarily (5)....	5.7	3.3	5.0	8.1	5.6	6.6	6.7	3.7	14.5	14.7	13.0		
got part-time job on campus.....	56.6	50.0	67.9	53.8	62.2	65.9	49.4	65.7	32.2	28.3	56.0		
got married.....	8.2	6.5	4.0	10.9	8.1	4.2	5.2	14.8	10.7	8.1	30.3		
graduated with honors.....	18.8	12.7	24.8	18.8	22.5	23.3	19.7	23.3	15.8	16.0	14.2		
joined social frat or sorority..	26.3	32.6	32.7	24.1	20.8	21.0	11.6	26.6	10.1	9.7	13.7		
made at least "B" average (5)...	70.6	62.9	84.9	68.0	75.8	73.6	77.4	77.6	49.2	49.3	48.4		
participated in student protests	19.8	13.4	29.9	19.6	22.6	30.7	16.0	16.7	5.5	4.4	14.3		
played intercollegiate athletics	21.0	19.7	25.1	16.3	26.1	27.9	18.8	28.5	20.7	19.3	30.8		
transferred before grad (5)....	17.1	20.0	14.3	11.2	21.7	17.6	27.4	23.3	19.0	18.6	21.4		
worked part-time job off-campus..	68.8	72.2	69.1	71.4	62.8	53.5	81.4	62.5	52.9	51.2	65.4		
worked full-time while student..	15.5	10.5	6.9	21.1	16.8	13.4	31.2	11.8	18.7	18.5	20.5		
Other College Activities													
assisted faculty teaching class..	14.8	7.9	14.7	16.5	19.4	23.3	10.3	20.2	10.9	11.0	9.8		
attended racial awareness wkshop	25.6	17.3	32.3	25.5	31.4	34.0	32.0	27.6	9.0	9.4	6.0		
enrolled in ethnic stud course..	34.7	31.1	44.5	30.7	39.1	42.4	37.9	35.7	12.1	11.2	18.1		
enrolled in honors program.....	40.2	33.3	54.0	35.8	47.0	48.8	39.7	49.2	19.4	18.2	28.0		
enrolled in interdisc course....	42.8	38.5	61.5	39.0	44.8	44.8	32.4	53.0	15.8	14.5	25.4		
enrolled in women's stud course..	23.9	21.7	37.3	20.0	25.8	33.9	18.5	20.2	9.3	8.9	11.8		
in college internship program...	34.0	27.1	37.8	34.9	38.2	38.9	36.3	38.7	15.2	12.9	31.8		
in study abroad program.....	11.5	6.3	22.0	7.8	17.0	18.6	8.3	20.6	2.2	2.3	0.8		
played intercoll foot/basketball	3.7	5.6	5.0	2.4	2.8	2.4	2.8	3.1	3.1	2.7	5.7		
purchased a personal computer...	13.1	9.1	27.0	10.6	15.0	20.0	10.9	11.1	7.2	6.1	14.9		
taken reading study/skills class	23.8	20.0	11.9	30.4	24.0	27.6	20.5	21.6	22.6	21.9	27.2		
taken remedial/develop course...	13.6	9.3	5.6	21.5	11.7	13.0	11.0	10.4	17.1	18.4	7.5		
voted in 1988 election.....	68.1	70.6	79.9	67.0	63.0	62.3	60.7	65.6	73.4	75.1	61.2		
worked on prof's research proj...	19.8	18.7	27.9	20.8	17.2	18.9	13.6	17.4	9.1	8.3	14.9		

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Activities in the Past Year Reported in 1985												
attended recital or concert.....	86.5	87.5	86.8	84.6	87.4	85.1	87.3	90.5		65.3	61.3	89.7
drank beer.....	61.5	73.1	61.1	57.5	55.3	58.5	55.9	50.7		56.9	57.1	55.6
felt depressed (6).....	13.2	13.5	8.1	12.3	15.7	16.4	15.8	14.6		5.4	4.9	8.4
felt overwhelmed (6).....	26.5	25.9	30.0	24.6	27.7	31.1	27.8	23.3		16.9	17.4	13.9
missed school due to illness (6)	4.5	2.7	3.9	4.6	6.2	5.8	7.9	5.7		12.4	13.0	8.6
smoked cigarettes (6).....	8.3	7.5	2.9	12.5	6.2	6.6	9.3	3.6		24.2	26.7	8.5
stayed up all night.....	77.2	80.7	72.7	75.5	77.3	77.2	82.9	73.8		72.4	72.4	72.7
tutored another student.....	49.6	48.5	70.0	45.5	47.9	46.3	46.7	50.8		40.0	38.6	49.2
was guest in teacher's home.....	35.6	31.7	43.0	33.4	39.0	41.3	25.7	44.8		23.7	23.1	27.2
Activities in the Past Year Reported in 1989												
attended recital or concert.....	73.8	70.6	81.3	71.6	76.7	78.3	68.0	80.3		53.0	48.5	82.7
didn't complete homework on time	46.1	38.3	49.9	48.6	49.3	48.3	53.1	48.1		40.7	40.9	40.0
discuss course content w/std (6)	55.1	48.1	64.4	55.7	57.6	63.6	48.7	55.9		36.5	36.1	39.1
discuss political/soc issues (6)	33.5	27.7	51.3	29.4	37.4	39.6	34.8	36.3		14.9	14.9	14.9
discuss racial/ethnic issues (6)	14.9	8.9	18.7	14.2	20.0	21.1	23.2	16.4		5.9	5.9	6.0
drank beer.....	68.3	78.0	70.6	66.1	60.9	68.7	59.6	51.9		62.4	61.3	69.9
drank wine or liquor.....	79.5	82.1	86.7	77.5	76.9	84.6	77.8	66.4		73.5	72.8	78.5
felt depressed (6).....	17.6	16.3	12.2	20.2	17.8	21.6	14.3	15.2		14.4	14.9	10.9
felt like leaving college.....	38.9	34.1	26.2	49.4	36.0	35.7	29.9	40.4		48.5	51.3	30.1
felt overwhelmed (6).....	41.2	40.6	32.9	43.2	42.5	43.6	44.7	39.7		35.8	38.3	19.5
gave a presentation in class (6)	24.0	21.7	16.3	27.0	25.4	30.3	26.3	18.6		15.9	15.2	20.5
missed class due to illness (6)	3.0	3.3	2.7	3.7	2.3	2.5	3.0	1.5		2.7	2.1	6.7
paper critiqued by instructor(6)	40.6	36.4	46.1	38.6	44.8	49.4	38.1	43.3		23.8	22.5	32.1
participated in intramural sport	32.2	34.8	39.6	28.9	30.9	32.7	19.6	36.0		23.0	23.1	22.0
read the student newspaper (6)..	59.5	59.7	69.9	58.1	57.2	65.1	42.0	56.9		41.4	42.4	35.0
received personal counseling....	15.1	11.9	17.8	14.5	17.8	21.7	13.3	15.9		8.8	7.4	17.9
received tutoring in courses....	22.3	17.2	18.8	28.9	21.0	18.2	29.4	19.0		21.5	19.9	31.7
received vocational counseling..	57.0	60.3	64.5	49.4	59.6	62.3	52.7	60.6		40.5	37.7	58.5
smoked cigarettes (6).....	8.9	4.3	6.4	11.8	11.0	12.9	11.0	8.6		18.2	19.0	13.0
social with diff ethnic grp (6).	42.3	37.3	59.1	39.8	43.9	45.0	50.0	38.3		38.3	40.9	21.0
stayed up all night.....	65.3	60.9	64.0	68.4	66.5	69.2	71.4	59.7		70.5	73.1	53.4
took a multiple-choice exam (6).	56.6	66.3	34.4	61.8	49.5	41.9	56.0	54.8		47.3	46.3	53.7
took an essay exam (6).....	49.9	44.4	60.4	44.5	57.5	57.1	64.4	53.6		38.1	36.6	47.9
took pt in campus demonstration.	16.1	10.2	24.2	15.4	19.7	27.5	10.8	15.7		3.7	3.3	6.3
tutored another student.....	49.6	39.6	49.2	52.8	55.7	51.0	62.9	56.9		37.4	37.5	36.5
was guest in professor's home...	27.5	16.1	30.3	23.9	41.2	50.5	15.0	46.5		13.2	11.7	23.0
worked on grp proj for class (6)	35.4	33.6	28.7	44.0	30.0	28.1	39.4	26.5		26.4	26.4	26.0
worked on ind research project..	53.9	46.2	53.9	59.7	54.9	59.3	47.3	54.3		30.4	29.6	35.9

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv	
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Student Rated Self Above Average or Highest 10% in 1985												
academic ability.....	64.3	62.0	88.3	61.5	61.3	58.6	61.9	64.3	27.7	26.7	34.1	
artistic ability.....	23.5	23.6	31.4	20.4	23.9	29.7	18.6	19.9	14.0	14.1	13.5	
drive to achieve.....	68.7	67.2	83.2	67.0	67.0	67.7	63.7	68.2	55.2	56.6	46.4	
emotional health.....	59.9	64.7	67.6	55.9	57.0	53.5	55.4	62.7	45.0	46.5	35.9	
leadership ability.....	52.2	52.9	69.7	47.8	50.3	49.2	48.1	53.1	31.5	28.5	49.5	
mathematical ability.....	37.4	37.1	56.3	29.9	39.3	36.8	43.4	39.9	27.4	29.2	16.2	
physical health.....	55.2	61.2	63.3	50.9	51.5	50.0	58.2	49.0	42.8	40.5	56.7	
popularity.....	41.7	45.7	48.4	40.1	37.5	39.9	35.2	35.9	27.5	28.8	19.9	
self-confidence (intellectual)...	54.3	50.8	67.6	55.4	51.7	51.3	52.5	51.7	41.6	41.2	44.1	
self-confidence (social).....	44.7	41.7	48.7	48.0	42.5	44.4	41.5	40.8	44.6	48.1	22.3	
writing ability.....	48.2	50.5	58.5	43.4	47.8	50.8	46.7	44.7	23.5	21.0	38.7	
in 1989												
academic ability.....	70.8	67.9	85.8	69.6	69.8	68.7	64.1	75.0	42.7	42.9	41.2	
artistic ability.....	29.1	23.3	37.6	26.4	34.8	39.1	32.7	30.5	23.5	23.7	22.6	
drive to achieve.....	70.5	69.0	77.5	69.0	71.3	74.6	68.4	68.8	53.4	52.7	58.0	
emotional health.....	54.0	47.2	63.6	53.8	57.2	53.9	59.3	60.2	51.8	49.5	66.4	
leadership ability.....	57.2	54.2	67.0	56.3	57.8	59.9	65.4	50.1	36.0	36.4	33.2	
mathematical ability.....	37.0	35.2	47.3	34.5	37.9	37.6	43.7	34.6	35.9	38.6	18.6	
physical health.....	51.1	56.2	54.7	48.1	48.2	44.7	52.0	50.1	39.2	36.4	57.1	
popularity.....	43.8	44.3	46.7	42.0	44.4	45.1	51.6	38.9	31.3	28.6	48.6	
self-confidence (intellectual)...	59.9	59.3	69.7	54.4	63.2	65.2	63.2	60.6	53.6	54.0	51.4	
self-confidence (social).....	52.0	48.5	53.5	52.2	54.4	53.6	58.1	53.0	53.5	52.7	58.2	
writing ability.....	57.5	60.6	69.8	52.1	56.2	57.4	57.8	53.6	32.8	33.4	29.4	
listening ability.....	77.4	77.8	83.9	74.2	78.2	78.8	80.5	75.9	62.5	61.1	71.4	
Students Reporting Much Stronger Abilities and Skills in 1989												
general knowledge.....	50.4	45.2	51.8	54.4	50.4	48.9	52.8	50.7	33.4	29.2	60.1	
problem-solving skills.....	28.8	24.4	31.4	28.2	32.5	31.3	35.8	32.1	20.6	17.2	41.7	
knowledge of particular field...	61.1	56.3	67.6	61.6	63.0	61.1	63.8	65.1	51.2	49.9	59.3	
critical thinking ability.....	38.1	26.7	42.4	45.5	39.1	39.1	38.4	39.5	36.0	34.6	44.6	
writing skills.....	28.8	25.0	28.1	31.2	29.9	33.3	30.2	25.3	13.0	12.3	17.2	
foreign language ability.....	9.0	6.8	15.5	5.0	13.4	10.2	19.9	13.3	4.8	4.9	4.1	
job-related skills.....	32.2	33.2	31.6	33.6	29.8	28.6	36.2	27.2	26.3	24.1	40.8	
religious beliefs & convictions...	10.0	4.6	10.4	10.3	14.8	12.2	13.5	19.1	13.0	14.3	5.2	
interest in grad/prof school....	34.5	28.0	30.9	36.6	39.7	38.5	39.6	41.4	22.9	22.3	27.1	
preparation for grad/prof school	25.1	19.8	31.1	26.6	26.5	29.9	24.5	23.3	14.3	13.5	19.7	
leadership abilities.....	27.5	20.3	25.4	32.9	29.1	30.8	31.4	25.3	13.2	12.9	15.0	
ability to work independently...	39.5	36.2	39.7	39.7	42.3	41.0	45.0	42.1	37.3	34.7	54.0	
interpersonal skills.....	38.4	37.7	40.2	39.4	37.2	41.8	35.1	32.6	36.3	35.1	44.2	
cultural awareness.....	38.1	34.7	41.6	33.1	45.7	47.6	49.2	40.8	32.2	31.9	33.8	
acceptance of dif races/cultures	28.9	30.4	28.4	24.4	32.6	31.7	34.4	32.6	33.1	32.8	35.0	
competitiveness.....	17.3	15.7	10.2	21.8	16.3	17.0	19.0	13.7	20.8	22.2	12.2	
confidence in academic abilities	25.0	22.2	17.7	29.4	25.5	27.3	27.7	21.6	21.9	19.8	34.9	
public speaking ability.....	22.1	18.1	18.1	27.4	21.4	23.0	24.1	17.7	16.4	15.8	20.8	
ability to work cooperatively...	24.6	20.2	22.2	28.9	24.8	24.7	32.6	20.0	30.5	28.9	40.1	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	All 4-yr	Universities		Four-year Colleges					Two-year Colleges			
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
LIVING ARRANGEMENTS												
Preferred for Fall 1985												
with parents or relatives.....	11.0	7.1	5.8	13.4	14.0	17.2	16.7	8.1	29.0	31.7	15.5	
other private home,apt,room....	21.7	24.2	12.3	22.6	21.7	22.2	26.0	18.3	29.0	30.9	19.3	
college dormitory.....	54.1	48.0	73.3	52.3	54.8	52.0	45.7	64.5	24.1	18.9	50.5	
fraternity or sorority house....	7.6	14.7	4.4	5.4	4.4	5.0	3.1	4.4	14.4	14.9	12.1	
other campus housing.....	4.8	5.1	3.4	5.3	4.5	2.6	7.7	4.7	2.0	2.0	1.7	
other.....	0.8	1.0	0.8	1.0	0.6	1.0	0.8	0.0	1.5	1.6	0.8	
Planned for Fall 1985												
with parents or relatives.....	16.8	13.2	9.1	25.9	13.1	11.5	22.7	8.8	44.2	48.6	16.9	
other private home,apt,room....	2.9	1.4	0.4	5.3	2.8	0.9	10.4	0.0	10.7	11.8	3.6	
college dormitory.....	78.6	83.5	88.4	66.6	83.6	87.1	66.5	90.6	38.4	34.8	60.6	
fraternity or sorority house....	0.2	0.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
other campus housing.....	1.2	1.8	1.1	1.4	0.4	0.3	0.4	0.7	4.9	2.6	18.9	
other.....	0.2	0.0	0.4	0.5	0.1	0.3	0.0	0.0	1.8	2.1	0.0	
First Year												
with parents or relatives.....	17.0	10.8	8.8	27.1	14.7	10.9	31.0	8.9	41.8	44.7	22.2	
other private home,apt,room....	2.9	7.2	0.8	1.5	1.0	1.2	2.1	0.0	11.5	13.1	1.0	
college dormitory.....	78.3	81.0	89.9	67.9	83.1	86.3	66.0	90.4	35.9	29.9	76.8	
frat or sorority house.....	0.2	0.3	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	
other campus student housing....	1.3	0.6	0.4	2.4	1.1	1.4	0.9	0.8	2.0	2.3	0.0	
other.....	0.3	0.0	0.0	1.0	0.0	0.0	0.0	0.0	8.7	10.0	0.0	
Second Year												
with parents or relatives.....	19.9	13.3	12.3	29.1	18.6	14.9	35.7	11.8	37.7	35.6	50.3	
other private home,apt,room....	15.5	24.0	8.3	14.2	12.1	14.4	18.3	4.9	15.1	16.3	8.5	
college dormitory.....	56.5	50.5	73.7	49.7	63.1	63.9	36.6	79.7	36.3	35.9	38.6	
frat or sorority house.....	3.3	8.8	2.0	1.3	1.1	1.6	0.5	0.9	0.0	0.0	0.0	
other campus student housing....	4.1	3.1	3.7	4.2	5.1	5.2	8.6	2.7	2.2	2.3	1.4	
other.....	0.6	0.3	0.0	1.4	0.1	0.0	0.2	0.0	8.7	10.0	1.2	
Third Year												
with parents or relatives.....	18.1	14.8	9.8	23.5	18.4	14.9	35.8	11.1	29.3	29.0	31.4	
other private home,apt,room....	35.1	45.4	36.2	35.7	24.4	24.6	26.4	22.9	44.1	45.3	36.0	
college dormitory.....	32.7	23.4	42.2	26.8	44.4	47.5	24.2	54.1	19.7	19.3	22.8	
frat or sorority house.....	4.3	9.5	5.8	1.5	2.1	3.2	0.5	1.8	1.9	2.1	0.0	
other campus student housing....	6.7	3.5	3.9	8.8	8.4	7.0	11.6	7.9	3.2	3.0	4.4	
other.....	3.0	3.5	2.1	3.6	2.3	2.8	1.4	2.1	1.8	1.3	5.5	
Fourth Year												
with parents or relatives.....	20.9	18.7	12.4	27.3	19.4	13.8	38.7	13.8	30.3	29.6	34.4	
other private home,apt,room....	44.2	55.9	44.2	43.8	33.5	32.9	29.1	36.9	48.3	51.1	32.5	
college dormitory.....	22.5	12.5	35.0	17.2	33.1	37.0	19.1	37.3	12.8	12.8	13.2	
frat or sorority house.....	3.5	5.9	2.3	2.8	2.5	3.2	1.0	2.4	2.9	3.2	1.3	
other campus student housing....	6.3	4.3	5.2	6.2	8.6	8.7	10.8	7.1	1.2	0.7	3.5	
other.....	2.6	2.7	0.9	2.7	3.0	4.4	1.3	2.4	4.5	2.6	15.1	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
		Pub	Priv									
College Attributes Noted as Very Descriptive												
easy to see fac outside off hrs.	34.7	20.7	32.3	28.7	55.4	53.4	51.5	60.6	33.7	29.9	57.3	
great conformity among students.	26.1	18.8	33.4	24.5	32.3	27.7	40.0	33.2	23.5	22.6	28.6	
most students very bright.....	30.1	19.3	67.5	22.2	36.1	40.0	30.6	34.6	15.4	13.5	26.6	
admin open about policies.....	16.2	12.9	13.2	18.4	18.1	18.4	13.9	20.3	22.8	18.8	47.7	
keen competition for grades.....	27.2	23.5	48.4	26.9	23.6	23.7	22.4	24.3	14.8	13.6	22.1	
courses more theoret than prac..	21.6	27.6	28.5	17.2	18.4	20.6	17.8	16.0	17.0	18.4	8.0	
fac rewarded for advising skills	8.8	10.7	4.0	5.9	11.9	12.7	13.9	9.7	5.7	3.8	17.3	
little std contact out of class.	5.4	6.5	4.4	6.9	2.9	3.9	1.4	2.6	7.0	7.8	1.9	
faculty at odds with admin.....	5.1	4.0	4.2	7.2	4.3	5.7	2.2	3.8	1.7	1.6	2.4	
intercoll sports overemphasized.	15.5	29.0	11.3	14.0	5.6	3.5	5.8	8.3	9.2	9.5	7.0	
classes usually informal.....	32.9	37.3	20.9	30.5	35.4	36.6	32.0	36.1	36.1	35.0	43.6	
faculty respect each other.....	46.0	39.5	47.0	40.4	57.7	52.3	57.6	64.8	48.3	45.2	67.7	
most stdnts treated like numbers	15.7	37.1	7.6	12.8	1.6	2.1	1.7	1.0	11.4	13.1	0.9	
social activities overemphasized	10.3	15.5	9.7	9.9	6.0	7.0	4.1	5.8	2.0	1.9	2.8	
little contact between students.	5.3	9.3	2.7	6.1	1.6	1.8	3.1	0.4	7.6	8.0	4.5	
student body apathetic.....	14.0	9.5	22.6	15.8	13.4	16.0	13.7	9.9	11.2	12.1	5.6	
stdnts don't socialize regularly	1.5	1.6	1.6	1.9	1.0	1.2	2.0	0.0	3.1	3.6	0.0	
fac rewarded for good teaching..	15.5	13.0	14.7	8.5	25.7	24.9	25.4	27.1	18.6	18.4	19.6	
Plans for Fall 1989												
attend college full-time.....	34.9	44.7	21.0	39.6	25.1	19.9	36.2	24.5	29.1	28.0	36.3	
attend college part-time.....	6.0	4.6	4.9	6.3	7.2	6.3	7.6	8.2	9.8	9.8	9.8	
attend graduate school.....	12.2	8.3	23.6	8.2	16.5	14.6	15.6	19.4	5.7	6.0	4.1	
attend vocational program.....	1.0	0.5	0.3	1.1	1.5	2.1	0.3	1.5	8.3	9.6	0.0	
work full-time.....	52.1	44.6	50.9	51.6	60.2	63.0	60.6	56.3	52.5	51.1	61.1	
work part-time.....	27.0	31.2	15.7	31.3	22.2	23.1	19.0	23.2	20.0	20.6	16.4	
serve in Armed Forces.....	2.0	0.8	0.5	3.4	2.3	5.0	0.2	0.3	0.2	0.2	0.0	
travel.....	5.4	4.6	7.5	4.7	6.2	7.6	3.8	6.0	1.5	1.7	0.0	
do volunteer work.....	11.8	10.0	10.9	11.6	14.0	14.4	11.0	15.5	4.5	4.4	4.6	
stay at home.....	6.0	5.9	3.1	7.6	5.5	3.7	2.9	9.5	20.7	23.0	6.9	
Permission to Use I.D. in 1985												
yes.....	82.8	79.6	82.5	92.0	75.5	68.9	80.2	81.7	86.7	86.6	87.3	
no.....	17.2	20.4	17.5	8.0	24.5	31.1	19.8	18.3	13.3	13.4	12.7	
Permission to Use I.D. in 1989												
yes.....	72.7	72.3	76.9	72.9	71.5	70.2	64.7	77.8	62.7	60.7	74.7	
no.....	27.3	27.7	23.1	27.1	28.5	29.8	35.3	22.2	37.3	39.3	25.3	

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ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Personal Objectives Noted as Very Important or Essential in 1985												
achieve in a performing art.....	12.6	7.7	16.9	12.9	15.1	16.1	10.1	16.9		7.1	7.2	6.8
be expert on finance/commerce...	20.4	22.2	19.7	19.7	19.7	19.4	29.5	13.9		19.2	15.3	39.3
be involved in environ cleanup...	18.9	14.2	15.7	21.4	21.6	23.3	16.8	22.5		12.1	7.7	35.1
be successful in own business...	47.8	54.1	44.2	44.7	46.7	43.9	56.4	44.1		51.6	48.7	66.5
be very well off financially....	64.0	68.7	58.3	66.0	59.7	60.4	67.7	53.7		65.8	63.7	75.4
become authority in my field....	73.9	81.3	69.0	70.9	72.3	74.9	78.7	64.9		68.4	66.7	77.2
create artistic work.....	12.4	10.8	12.3	11.2	15.2	20.7	9.2	12.0		9.4	9.7	8.0
develop philosophy of life.....	48.2	49.7	53.7	46.5	46.6	45.8	46.6	47.7		33.7	32.0	43.0
have admin responsibility.....	43.2	41.4	35.9	52.8	37.2	35.2	42.3	36.5		37.8	36.5	44.7
help others in difficulty.....	72.8	69.9	71.8	72.9	75.5	72.1	80.0	77.0		66.6	66.7	66.2
influence political structure...	15.2	11.2	14.9	17.1	16.9	20.4	14.1	14.1		5.7	6.5	1.6
influence social values.....	37.7	35.9	32.9	38.3	40.4	36.4	53.4	37.0		28.2	28.9	24.5
obtain recog from colleagues....	56.9	65.5	51.8	52.9	55.3	55.7	66.5	47.5		54.3	56.9	41.1
participate in community action.	32.2	34.2	30.3	34.6	28.7	27.8	26.4	31.5		22.1	20.3	29.9
promote racial understanding....	36.1	27.5	35.6	38.5	41.4	42.6	46.5	36.6		21.2	21.9	17.9
raise a family.....	69.2	70.9	75.5	69.5	65.1	62.4	68.9	66.3		70.8	69.2	79.2
theoretical contrib to science..	11.5	10.7	12.4	10.1	13.2	13.6	12.7	13.1		8.3	8.5	7.1
write original works.....	14.0	11.3	14.7	13.6	16.6	21.8	7.0	16.1		7.7	8.4	3.8
in 1989												
achieve in a performing art.....	10.3	7.5	9.9	12.8	10.5	11.7	8.6	10.0		5.4	5.4	5.7
be expert on finance/commerce...	17.3	20.9	12.0	17.7	15.3	16.5	20.9	10.2		15.6	16.1	12.3
be involved in environ cleanup...	31.9	29.2	32.2	33.5	32.5	38.1	24.7	30.1		23.1	20.7	37.9
be successful in own business...	37.0	37.4	32.1	39.2	35.9	36.4	47.1	28.0		34.3	33.3	40.5
be very well off financially....	60.0	64.0	47.2	63.7	56.7	56.2	68.2	49.8		65.5	63.3	79.0
become authority in my field....	71.2	71.2	59.5	77.9	67.9	66.1	77.8	63.9		57.6	58.3	53.1
create artistic work.....	15.5	12.9	17.7	13.3	19.8	25.0	14.0	16.7		17.3	14.8	33.0
develop philosophy of life.....	56.0	51.2	60.7	56.7	57.9	61.0	54.7	55.9		40.0	37.8	53.7
have admin responsibility.....	49.1	51.4	38.6	54.4	44.7	44.4	61.9	33.9		44.3	42.3	56.9
help others in difficulty.....	76.0	71.3	75.2	76.4	80.1	78.8	81.1	81.1		73.7	76.3	57.9
influence political structure...	19.4	14.1	25.5	20.9	20.7	20.5	25.4	17.9		10.2	10.5	8.8
influence social values.....	52.1	51.5	51.3	52.1	53.0	52.4	53.8	53.3		43.4	43.6	42.4
obtain recog from colleagues....	56.5	58.0	51.4	57.8	55.3	58.0	63.3	46.7		42.4	39.1	63.3
participate in community action.	37.6	38.2	39.4	35.8	38.4	42.9	31.8	37.0		19.4	18.6	24.7
promote racial understanding....	41.8	37.1	48.6	38.9	47.1	50.0	44.8	44.9		34.6	35.8	27.2
raise a family.....	74.0	74.7	73.6	76.5	70.7	69.2	78.9	67.3		81.2	80.9	83.0
theoretical contrib to science..	12.1	10.7	11.7	13.0	12.7	10.2	15.2	14.3		3.7	3.8	3.0
write original works.....	15.5	11.3	18.1	15.1	19.1	22.3	15.4	17.2		8.6	8.0	12.4

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Political Orientation in 1985												
far left.....	0.9	0.6	0.7	1.1	1.1	1.9	0.6	0.3	0.6	0.7	0.0	
liberal.....	25.5	23.0	27.3	27.0	25.5	27.8	29.8	19.7	19.7	17.9	29.8	
middle of the road.....	55.6	57.8	51.5	59.4	50.8	49.2	45.0	56.6	68.3	71.2	52.2	
conservative.....	17.1	17.2	20.2	12.0	21.6	19.4	24.5	22.4	10.8	9.5	18.0	
far right.....	0.9	1.5	0.2	0.5	1.1	1.8	0.0	1.0	0.6	0.7	0.0	
Political Orientation in 1989												
far left.....	1.5	1.0	4.0	0.8	2.0	2.0	0.4	2.9	1.7	1.8	1.2	
liberal.....	31.0	30.0	37.9	29.6	31.1	38.3	29.0	23.2	22.6	19.9	39.1	
middle of the road.....	46.4	48.3	39.3	48.7	44.4	41.2	43.4	49.3	52.8	54.6	41.5	
conservative.....	20.6	20.1	18.8	20.6	21.5	16.7	26.8	24.3	22.8	23.7	17.4	
far right.....	0.5	0.6	0.0	0.3	1.0	1.9	0.4	0.2	0.1	0.0	0.7	
Agrees Strongly/Somewhat in 1985												
abolish death penalty.....	32.9	34.7	29.5	34.3	31.0	31.5	29.9	31.3	29.8	30.1	28.0	
abortion should be legalized....	57.1	58.3	58.4	59.2	53.3	58.8	56.2	44.5	57.3	59.0	46.8	
busing OK to achieve balance....	52.9	50.0	42.1	55.8	56.1	56.8	56.7	55.0	65.9	67.0	58.8	
college ban extreme speakers....	20.1	16.6	18.5	23.1	20.6	24.5	16.7	18.1	30.5	32.3	18.8	
college raises earning power....	60.4	63.2	54.4	61.1	59.2	60.4	50.0	63.7	86.7	87.9	79.3	
college regulate off-campus acts	8.3	6.4	9.0	6.7	11.5	11.8	5.8	14.7	17.0	17.0	16.6	
equal opportunity for women....	96.5	95.0	97.5	96.6	97.5	98.1	97.4	96.7	94.2	95.1	88.3	
gov't not controlling pollution.	80.2	77.4	83.1	79.8	82.0	79.5	87.4	81.8	81.5	82.5	75.9	
gov't not promoting disarmament.	72.3	64.1	77.4	73.2	76.7	75.9	76.9	77.5	71.8	74.5	56.4	
high school grading too easy....	50.9	49.2	56.4	48.5	53.1	49.8	50.2	59.1	46.7	47.0	44.9	
ind can do little to change soc.	29.9	30.1	24.8	33.2	28.1	32.0	20.6	28.1	52.8	55.8	34.3	
marijuana should be legalized...	18.7	19.7	14.6	22.7	15.2	17.5	14.0	13.2	23.7	25.2	14.7	
married women best at home.....	15.7	16.9	9.0	14.7	18.0	21.0	14.3	16.7	20.8	21.2	18.9	
national health care plan needed	60.0	60.7	46.6	64.2	59.5	62.1	63.3	53.9	72.2	74.0	61.0	
raise taxes to reduce deficit...	20.2	19.8	23.5	20.3	19.3	22.9	12.0	19.4	17.6	19.1	8.8	
wealthy should pay more taxes...	72.6	66.7	69.0	78.0	73.3	73.3	70.4	75.2	77.6	79.4	66.9	
Agrees Strongly/Somewhat in 1989												
abolish death penalty.....	29.5	26.7	37.8	28.4	30.3	34.5	21.9	30.3	23.6	25.9	9.3	
abortion should be legalized....	76.2	76.6	76.6	77.3	74.6	83.8	72.0	64.4	57.6	55.2	73.0	
busing OK to achieve balance....	49.2	50.1	47.9	47.6	50.7	54.4	49.9	46.4	58.8	60.8	45.5	
coll ban extreme speakers.....	14.7	11.8	9.3	18.9	14.7	12.4	5.8	23.5	17.1	18.4	8.6	
coll involvement in social pgms.	81.3	81.9	86.5	79.3	81.1	84.6	79.4	77.8	72.5	75.4	53.4	
coll regulate off-campus acts...	9.1	5.5	8.6	10.1	11.4	6.8	11.7	17.2	9.8	10.2	7.0	
college raises earning power....	47.3	54.0	29.7	53.9	39.8	41.6	40.4	37.3	63.3	67.7	34.8	
control AIDS w/mandatory testing	35.9	34.1	27.9	41.1	34.7	36.4	38.6	30.0	52.5	51.3	60.7	
equal opportunity for women....	98.8	99.3	99.0	98.2	98.9	98.4	99.8	99.0	98.2	98.0	100.0	
gov't not controlling pollution.	90.6	88.0	95.7	92.2	89.7	88.4	86.0	93.6	93.2	92.8	96.1	
gov't not promoting disarmament.	73.6	68.3	79.6	75.7	74.2	74.8	71.8	74.9	80.4	79.6	85.1	
grading in college too easy.....	28.2	21.4	32.6	30.1	30.8	29.7	30.6	32.3	16.8	16.3	19.7	
ind can do little to change soc.	27.2	28.3	25.5	27.4	26.6	24.0	24.8	31.0	41.3	43.2	28.7	
man not entitled to sex on date.	96.8	96.5	97.0	98.0	95.5	96.1	98.5	92.9	99.0	99.4	96.2	
marijuana should be legalized...	17.6	22.3	19.2	16.7	13.4	18.6	7.3	10.8	12.3	12.2	13.2	
married women best at home.....	6.5	5.5	6.6	6.9	6.9	8.4	3.9	6.9	11.2	7.0	38.2	
national health care plan needed	70.6	71.1	69.2	71.3	69.9	71.8	70.3	67.2	71.1	71.0	71.7	
racial discrim no longer problem	6.7	8.5	4.9	6.9	5.4	3.7	5.1	7.8	10.1	9.9	11.1	
raise taxes to reduce deficit...	24.0	22.6	35.3	21.5	24.0	24.3	16.8	28.4	16.4	13.9	32.6	
wealthy should pay more taxes...	72.0	65.5	71.7	76.9	73.0	73.0	66.0	77.6	82.7	85.7	63.3	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Agrees Strongly or Somewhat												
a lot of racial conflict here...	26.8	36.4	40.2	23.5	16.8	17.2	12.6	19.1		17.3	18.1	12.5
admin care little about students	31.2	38.6	29.0	34.1	21.6	23.7	21.8	19.1		22.5	23.3	17.5
admin considers faculty concerns	67.7	67.4	65.6	65.0	71.8	67.5	73.5	76.1		66.6	64.0	82.6
admin considers student concerns	48.4	51.6	42.2	43.4	53.2	49.6	59.0	53.9		50.6	48.4	64.4
courses incl feminist perspective	44.0	49.2	44.0	39.5	44.1	50.5	40.9	38.1		23.1	19.1	48.6
courses incl minority perspective	48.0	48.6	44.6	48.1	48.6	52.7	45.0	45.8		32.7	29.7	51.7
curriculum over-specialized....	22.6	27.0	30.7	21.3	17.0	16.9	21.9	14.1		26.1	27.9	14.8
ethnic groups communicate well..	69.2	64.3	55.0	70.1	77.7	76.3	84.2	75.2		68.6	66.2	83.5
fac committed to welfare of coll	70.8	65.4	72.3	66.5	80.3	79.7	75.3	84.6		70.2	67.2	89.6
fac feels students well-prepared	67.4	54.1	82.2	67.7	74.4	70.3	69.7	82.7		52.5	48.0	81.2
fac interested in acad problems..	70.0	59.4	69.9	67.5	82.8	81.1	74.6	90.2		64.9	62.8	77.9
fac interested in student probs.	60.4	46.1	60.3	55.1	79.9	75.2	74.7	89.4		51.7	47.1	80.7
fac positive about gen ed pgm ..	87.9	85.6	91.3	85.5	91.6	91.5	89.6	93.1		88.2	87.0	95.8
fac sensitive to minority issues	67.4	62.3	66.1	65.0	75.1	75.4	67.8	79.6		51.9	47.4	80.2
low trust btwn minorities/admin.	28.7	30.3	44.6	31.0	19.4	21.6	13.7	20.2		25.3	28.4	5.4
many students don't "fit in"....	34.9	38.0	40.2	34.8	30.4	28.1	30.1	33.6		33.7	31.3	48.9
oppty for fac/stdnt socializing.	50.9	38.1	43.8	48.4	68.1	66.6	64.1	72.7		53.3	50.5	71.1
students resent required courses	61.1	68.6	48.3	67.9	50.9	52.2	50.8	49.3		52.3	53.2	46.1
Objectives Rated as High or Highest Priorities for College												
allow airing of diff opinions...	45.3	51.2	39.7	43.3	43.8	50.0	37.1	40.3		39.8	36.7	60.1
conduct basic & applied research	50.0	62.2	63.7	45.6	38.5	39.8	47.4	31.0		46.5	45.7	51.2
create multi-cultural environ...	44.1	44.3	46.5	41.7	45.6	50.1	50.0	36.9		35.7	33.4	49.9
create positive undergrad exp...	70.4	65.1	72.1	65.9	79.8	81.4	78.6	78.6		64.3	62.3	77.4
devel apprec of multi-cultul soc	40.6	36.7	41.4	37.1	47.9	51.5	49.9	42.0		32.4	30.3	45.5
devel community among fac/stdnts	42.5	26.1	41.0	42.1	59.0	56.4	62.7	59.9		41.5	38.0	63.5
devel leadership ability in fac.	37.2	32.7	33.6	39.2	40.5	39.5	45.3	38.8		28.0	27.2	33.2
devel leadership abil in stdnts.	55.9	49.0	52.0	55.5	64.2	65.4	71.4	57.9		45.2	41.9	66.7
economize and cut costs.....	35.4	38.3	26.7	44.0	26.1	25.2	33.9	22.1		31.6	34.0	16.5
enhance inst's national image...	68.3	73.9	80.6	64.6	62.7	71.8	58.3	53.8		35.0	35.4	32.9
facilitate comm svcs involvement	33.8	28.7	41.9	31.5	38.4	36.0	40.2	40.3		28.1	25.4	45.1
help solve soc/eviren problems..	29.5	28.3	24.3	31.5	30.1	31.4	34.7	25.5		26.5	26.4	27.1
help students understand values.	54.8	45.8	53.8	52.4	66.3	65.4	68.3	66.1		38.2	33.1	71.1
hire faculty "stars".....	21.2	24.1	37.5	20.6	13.4	17.1	9.5	10.9		9.5	9.2	12.1
increase minorities in fac/admin	29.8	32.3	26.4	32.4	25.8	29.5	24.6	21.9		21.5	20.8	25.7
increase women in fac/admin....	28.8	27.1	22.4	30.2	31.3	39.9	32.5	19.2		19.5	19.0	22.9
increase/maintain inst prestige.	76.4	78.3	89.3	70.9	76.3	82.4	73.8	69.9		49.7	46.8	68.7
promote intellectual development	78.7	69.9	88.2	80.8	81.5	80.5	84.2	81.1		62.1	58.3	86.1
raise money for the institution.	63.6	64.2	82.4	53.1	67.9	70.7	65.5	65.7		42.2	44.1	30.0
recruit more minority students..	41.0	42.9	42.0	42.3	37.4	43.4	29.5	34.7		31.6	33.8	17.8
teach students how to change soc	34.3	31.0	30.5	35.4	37.4	37.0	40.5	36.1		30.4	27.3	50.1
Want Copy of Survey Results												
no.....	7.1	6.9	8.0	8.3	5.6	6.2	6.0	4.5		8.1	8.5	5.5
yes.....	92.9	93.1	92.0	91.7	94.4	93.8	94.0	95.5		91.9	91.5	94.5

1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
HOURS PER WEEK IN THE PAST YEAR SPENT ON												
None												
classes/labs.....	1.1	0.4	1.7	1.6	1.1	0.8	0.8	1.8	0.9	0.9	0.8	
studying/homework.....	0.2	0.2	0.0	0.6	0.0	0.0	0.0	0.0	0.3	0.3	0.0	
socializing with friends.....	0.2	0.0	0.3	0.3	0.4	0.4	0.3	0.3	0.0	0.0	0.0	
talk with faculty outside class.....	7.0	9.0	9.6	6.8	4.5	5.0	5.6	3.1	9.1	9.3	7.7	
exercising/sports.....	8.3	5.4	5.8	12.7	7.0	8.2	6.6	5.8	14.1	15.7	4.1	
reading for pleasure.....	24.8	24.0	22.6	27.9	22.8	19.7	30.2	21.9	24.0	23.9	24.6	
using a personal computer.....	31.0	34.9	19.2	34.5	27.6	26.4	20.4	33.9	38.4	36.4	51.4	
partying.....	16.6	9.3	11.0	21.0	20.6	14.1	23.4	27.1	27.4	28.9	17.9	
working (for pay).....	22.3	23.3	21.5	24.7	18.7	21.8	15.9	16.6	27.0	28.9	14.7	
volunteer work.....	61.6	65.3	52.5	65.5	57.0	54.0	67.7	53.9	65.6	64.9	69.6	
student clubs/groups.....	38.1	35.6	26.7	43.9	38.0	34.6	46.9	36.5	56.1	57.8	45.5	
watching TV.....	9.0	4.0	18.0	10.4	9.0	10.2	6.7	8.9	5.2	5.0	5.8	
commuting to campus.....	37.4	34.1	52.0	27.7	46.1	50.6	28.0	51.9	32.9	33.2	31.4	
religious services/meetings.....	46.1	51.1	49.5	44.7	41.7	46.3	42.0	35.7	55.5	58.3	37.6	
hobbies.....	25.9	26.7	27.6	24.0	26.8	26.1	30.5	25.4	27.3	28.8	17.6	
Six or More												
classes/labs.....	89.3	93.9	93.4	85.6	87.4	90.0	83.5	86.7	79.4	78.7	84.1	
studying/homework.....	79.5	80.1	86.9	77.9	78.0	72.1	81.9	83.1	76.6	76.1	80.0	
socializing with friends.....	72.3	77.4	84.5	68.4	67.6	70.3	54.5	72.4	62.4	59.2	83.2	
talk with faculty outside class.....	3.4	1.9	2.4	4.1	4.4	4.4	4.6	4.2	2.3	1.9	5.2	
exercising/sports.....	19.0	17.4	28.3	17.8	18.5	20.7	16.1	17.3	23.5	20.5	42.5	
reading for pleasure.....	5.5	4.9	5.8	6.2	5.3	6.3	3.9	4.7	15.1	16.6	5.1	
using a personal computer.....	13.9	8.6	23.4	11.5	18.4	23.8	14.5	13.8	7.6	7.1	11.2	
partying.....	27.5	31.5	34.7	27.1	21.6	25.5	17.6	19.4	25.7	25.8	25.5	
working (for pay).....	68.2	68.0	66.4	68.7	68.4	64.2	79.1	67.0	66.3	63.7	82.4	
volunteer work.....	7.0	7.7	6.5	6.0	7.6	9.0	5.3	7.2	10.4	11.2	5.3	
student clubs/groups.....	10.4	10.2	15.8	8.6	10.7	10.4	5.9	14.3	4.4	3.7	8.7	
watching TV.....	30.1	31.2	25.7	33.7	26.6	28.8	30.4	21.4	22.0	21.2	27.1	
commuting to campus.....	10.1	5.9	6.8	14.4	10.5	9.0	20.9	6.0	28.6	27.5	35.8	
religious services/meetings.....	3.2	1.5	2.9	5.1	2.9	1.7	2.1	4.9	0.5	0.0	3.7	
hobbies.....	5.7	6.9	7.0	5.8	4.1	4.5	3.2	4.2	4.4	2.8	14.7	
Sixteen or More												
classes/labs.....	44.9	45.9	42.0	46.5	43.3	43.0	38.2	46.8	42.9	41.3	52.8	
studying/homework.....	27.8	26.4	37.0	23.0	31.0	28.1	37.0	30.9	25.1	25.2	24.4	
socializing with friends.....	27.2	28.8	32.7	23.9	27.3	30.6	19.7	27.9	23.8	23.6	25.1	
talk with faculty outside class.....	0.2	0.0	0.6	0.0	0.4	0.6	0.6	0.0	0.2	0.0	1.9	
exercising/sports.....	2.8	1.6	3.8	3.0	3.3	4.4	3.4	1.8	2.0	1.5	4.7	
reading for pleasure.....	1.0	1.4	1.0	0.9	0.9	1.2	0.0	1.0	8.0	9.0	1.5	
using a personal computer.....	2.8	1.0	4.1	2.9	3.9	4.9	4.0	2.6	1.5	1.5	1.6	
partying.....	6.1	10.0	6.1	3.8	5.0	6.1	2.9	4.8	6.7	6.0	10.7	
working (for pay).....	35.9	33.0	25.4	39.2	38.7	31.2	57.6	36.5	40.1	40.8	35.3	
volunteer work.....	1.5	1.4	0.7	1.2	2.0	2.3	1.0	2.2	0.6	0.5	1.0	
student clubs/groups.....	1.7	1.3	1.5	2.3	1.5	0.9	0.7	2.6	0.6	0.7	0.0	
watching TV.....	4.6	4.6	2.5	5.8	4.1	4.9	4.3	2.8	6.3	6.0	8.5	
commuting to campus.....	0.4	0.0	0.4	0.3	0.9	0.8	0.6	1.3	9.0	9.1	8.5	
religious services/meetings.....	0.4	0.3	0.6	0.7	0.2	0.0	0.0	0.5	0.0	0.0	0.0	
hobbies.....	1.4	1.9	0.4	2.0	0.5	0.2	0.7	0.7	0.5	0.4	1.4	

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Religious Preference in 1985												
Baptist.....	14.4	10.1	7.3	20.5	14.6	13.1	5.2	22.7	21.2	21.2	21.3	
Buddhist.....	0.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	
Congregational (U.C.C.).....	1.7	0.6	0.3	2.6	2.3	2.1	1.5	3.0	1.1	1.1	1.2	
Eastern Orthodox.....	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.4	0.0	0.0	0.0	
Episcopal.....	3.7	4.0	2.8	2.6	4.9	6.8	2.6	4.0	2.5	2.4	3.4	
Islamic.....	0.1	0.0	0.3	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	
Jewish.....	3.7	5.2	10.5	1.6	2.0	3.7	0.3	1.0	2.2	2.3	2.0	
Latter Day Saints (Mormon).....	0.1	0.0	0.1	0.2	0.2	0.2	0.0	0.3	0.0	0.0	0.0	
Lutheran.....	6.6	6.0	3.3	7.5	7.2	5.7	3.3	11.7	4.9	4.1	10.0	
Methodist.....	10.4	12.7	5.3	13.8	6.7	6.2	3.4	9.5	4.5	4.6	4.4	
Presbyterian.....	4.1	4.6	7.2	2.2	4.5	5.8	2.2	4.5	5.3	5.0	6.9	
Quaker (Society of Friends).....	0.2	0.1	0.0	0.4	0.2	0.2	0.5	0.0	0.0	0.0	0.0	
Roman Catholic.....	35.4	37.9	45.1	33.5	31.7	28.2	66.9	13.2	42.8	45.6	26.1	
Seventh Day Adventist.....	0.3	0.0	0.4	0.4	0.5	0.1	0.4	0.9	0.0	0.0	0.0	
other Protestant.....	6.0	4.0	4.4	5.0	9.5	9.6	0.2	15.3	7.1	5.1	18.6	
other religion.....	5.0	5.6	2.7	4.5	5.7	7.3	1.1	6.8	4.5	5.0	1.5	
none.....	7.7	8.0	9.7	5.0	9.5	10.5	12.0	6.7	3.2	3.0	4.6	
Religious Preference in 1989												
Baptist.....	11.2	9.0	6.6	14.4	11.3	11.8	5.6	14.4	20.2	20.4	19.1	
Buddhist.....	0.3	0.9	0.7	0.0	0.1	0.1	0.2	0.0	0.5	0.6	0.0	
Congregational (UCC).....	1.6	1.1	0.0	1.9	2.2	2.9	2.0	1.6	0.6	0.5	1.3	
Eastern Orthodox.....	0.4	0.4	0.7	0.3	0.5	0.3	0.4	0.8	0.0	0.0	0.0	
Episcopal.....	3.5	4.0	2.9	2.3	4.5	5.8	2.3	4.3	3.0	2.9	3.5	
Islamic.....	0.1	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Jewish.....	3.5	5.4	10.1	1.0	2.1	4.0	0.0	0.9	1.7	1.7	2.0	
Latter Day Saints (Mormon).....	0.1	0.0	0.1	0.0	0.2	0.1	0.0	0.3	0.0	0.0	0.0	
Lutheran.....	6.5	6.3	2.6	7.8	6.6	5.5	2.7	10.6	3.5	2.4	10.8	
Methodist.....	9.9	15.3	4.3	10.7	6.0	6.1	4.1	7.2	6.2	6.6	3.8	
Presbyterian.....	4.9	4.1	7.2	4.9	5.0	6.7	2.5	4.4	5.2	4.6	8.6	
Quaker.....	0.3	0.1	0.4	0.3	0.3	0.4	0.0	0.5	0.2	0.2	0.0	
Roman Catholic.....	33.0	36.3	39.7	29.9	30.9	26.8	65.0	13.9	34.9	36.7	23.8	
Seventh Day Adventist.....	0.2	0.0	0.0	0.3	0.2	0.0	0.0	0.5	0.0	0.0	0.0	
other Protestant.....	8.4	4.2	4.7	8.0	14.0	12.8	1.3	23.9	5.5	3.2	19.9	
other religion.....	4.6	2.7	5.1	6.6	4.0	4.3	1.2	5.3	4.2	4.3	3.8	
none.....	11.6	10.2	14.6	11.5	12.0	12.2	12.6	11.3	14.1	15.8	3.4	
Born-again Christian in 1985												
no.....	76.0	81.6	88.5	69.8	73.0	75.3	89.6	58.9	79.1	83.0	56.7	
yes.....	24.0	18.4	11.5	30.2	27.0	24.7	10.4	41.1	20.9	17.0	43.3	
Born-again Christian in 1989												
no.....	77.2	85.4	89.6	69.8	73.3	75.4	92.2	58.3	82.5	83.3	77.2	
yes.....	22.8	14.6	10.4	30.2	26.7	24.6	7.8	41.7	17.5	16.7	22.8	

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All		Nons	Cath	Prot	All	Pub	Priv
		Pub	Priv		Priv							
Probable Career in 1985 (7)												
artist (including performer)....	7.7	5.6	10.3	7.1	9.3	10.6	5.5	10.2		5.0	4.3	9.3
business.....	20.8	19.4	16.4	22.8	21.4	21.4	30.6	15.5		31.2	30.3	36.0
clergy or religious worker.....	0.8	0.0	0.3	0.0	2.5	5.1	0.6	0.4		0.2	0.2	0.0
college teacher.....	0.3	0.0	1.2	0.3	0.3	0.5	0.1	0.2		0.3	0.3	0.0
doctor (MD or DDS).....	7.4	6.6	13.2	4.0	9.7	6.6	9.5	13.7		0.9	0.6	2.4
education (secondary).....	4.3	6.1	2.7	3.8	3.9	3.1	5.4	3.8		1.3	1.2	1.4
education (primary).....	5.0	2.2	2.1	6.8	6.9	6.3	4.3	9.4		5.9	5.4	9.1
engineer.....	3.5	4.7	9.2	2.3	1.8	1.8	1.5	2.0		1.9	2.3	0.0
farmer or forester.....	0.3	0.4	0.7	0.0	0.4	0.7	0.1	0.0		0.3	0.4	0.0
health professional (non-M.D.)..	7.9	12.8	4.3	7.5	5.0	3.1	5.1	7.3		8.6	9.1	5.8
lawyer.....	5.1	2.7	7.4	5.5	6.1	6.9	7.4	4.4		2.3	2.4	1.5
nurse.....	4.4	4.0	1.2	6.4	3.7	2.5	3.3	5.3		13.3	14.9	3.7
research scientist.....	1.8	1.4	2.2	2.2	1.7	2.2	1.3	1.4		0.3	0.3	0.0
other choice.....	15.6	12.8	9.5	20.8	14.8	15.3	16.2	13.4		23.8	23.5	25.6
undecided.....	15.1	21.3	19.3	10.5	12.5	13.8	9.1	13.2		4.8	4.8	5.2
Probable Career in 1989 (7)												
artist (including performer)....	6.1	4.9	10.0	5.1	6.8	7.5	4.0	7.8		4.0	3.4	8.4
business.....	25.6	26.2	20.0	26.9	25.4	23.7	34.9	21.6		44.5	47.8	23.5
clergy or religious worker.....	0.4	0.0	0.4	0.0	1.2	0.7	1.3	1.7		0.1	0.0	0.6
college teacher.....	1.9	1.0	2.3	1.8	2.9	3.4	2.2	2.5		0.7	0.8	0.0
doctor (MD or DDS).....	3.1	2.6	6.4	0.9	5.0	2.6	7.0	6.8		0.4	0.4	0.0
education (secondary).....	4.7	5.8	1.7	4.7	4.7	4.3	4.5	5.5		4.3	4.7	1.8
education (primary).....	8.0	7.9	6.1	8.9	7.6	6.6	8.1	8.5		7.5	5.9	17.6
engineer.....	2.1	3.1	4.9	1.4	1.0	1.1	0.7	1.1		0.8	0.9	0.0
farmer or forester.....	0.7	1.2	0.0	0.5	0.6	1.1	0.3	0.3		0.4	0.3	0.8
health professional (non-M.D.)..	4.9	5.0	5.0	4.8	4.8	2.8	4.6	7.5		5.2	5.3	5.2
lawyer.....	3.4	2.5	10.3	1.7	3.6	4.5	2.4	3.3		0.9	1.0	0.0
nurse.....	3.8	5.1	1.1	3.9	3.5	2.4	4.2	4.5		4.2	4.4	3.3
research scientist.....	2.1	1.7	3.6	2.7	1.5	1.3	0.2	2.5		0.9	1.0	0.0
other choice.....	27.2	27.3	21.3	30.1	25.9	30.9	23.5	21.0		21.0	18.6	36.0
undecided.....	6.0	5.9	7.0	6.4	5.5	7.2	2.3	5.4		5.1	5.4	2.8
Reasons Noted as Very Important or Essential for Choosing Career												
job opportunities available....	60.5	63.6	50.7	65.2	55.8	54.4	59.2	55.4		67.4	65.0	82.5
enjoy working w/people in field.	79.8	77.9	76.4	83.2	79.1	74.4	85.4	80.9		67.4	64.4	86.1
work is interesting.....	96.0	94.0	98.3	97.2	95.7	94.6	97.2	96.2		86.6	84.9	97.1
pays well.....	50.4	50.5	43.1	55.6	47.2	45.3	56.6	43.5		49.3	47.7	59.6
satisfies parent's hopes.....	14.4	14.8	14.1	17.8	10.5	11.4	12.5	8.0		16.1	12.9	36.0
work is challenging.....	87.1	86.8	89.7	87.4	86.3	86.7	87.4	85.0		71.4	68.4	90.4
can make contribution to society	65.6	64.3	68.4	62.6	69.1	65.7	72.2	71.5		47.2	43.3	71.7
oppty for rapid career advancmnt	46.5	53.0	36.2	46.8	43.6	41.1	54.5	39.7		55.3	53.9	64.5
oppty for freedom of action....	59.4	57.6	62.9	61.9	57.1	58.4	61.5	52.6		43.7	40.0	66.9

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
Probable Major in 1985 (7)												
agriculture.....	0.4	0.9	0.3	0.3	0.2	0.4	0.0	0.0	3.0	3.6	0.0	
biological sciences.....	5.0	4.0	8.8	4.1	5.4	4.3	11.5	2.8	3.6	3.8	2.7	
business.....	22.2	19.1	16.2	25.4	23.5	23.9	32.5	17.0	33.0	31.6	41.2	
education.....	8.1	7.5	3.6	8.9	9.3	7.6	8.2	12.2	7.8	7.0	12.1	
engineering.....	3.8	4.8	9.4	2.5	2.3	2.5	1.7	2.4	2.0	2.3	0.7	
English.....	2.2	1.2	5.9	1.9	2.2	2.9	1.7	1.7	0.1	0.0	0.6	
health professional.....	14.4	18.6	8.8	13.8	13.3	7.5	12.2	21.8	16.3	18.1	6.0	
history or political science....	4.2	2.9	7.3	3.6	4.8	5.6	1.9	5.5	1.1	1.3	0.0	
humanities.....	3.4	2.0	4.7	1.1	6.5	9.0	5.3	4.1	0.7	0.3	2.8	
fine arts.....	3.3	2.8	4.6	2.7	3.9	4.3	0.4	5.8	1.5	1.6	0.6	
mathematics or statistics.....	1.1	0.6	1.1	1.5	1.1	0.9	0.8	1.6	0.1	0.0	0.9	
physical sciences.....	1.7	1.4	3.4	2.0	1.2	1.3	0.4	1.5	0.3	0.3	0.0	
social sciences.....	7.0	4.8	7.8	7.4	8.4	7.6	8.6	9.3	6.0	6.2	4.8	
other technical.....	4.2	2.5	2.0	8.3	2.3	2.4	1.5	2.7	8.5	7.8	12.6	
other non-technical.....	8.3	8.0	5.9	9.9	7.8	8.9	8.5	5.9	13.1	13.1	12.9	
undecided.....	10.6	18.8	10.1	6.4	7.7	10.7	4.7	5.8	2.9	3.0	2.2	
Major Reported in 1989 (7)												
agriculture.....	0.4	1.2	0.0	0.0	0.2	0.0	0.0	0.5	2.1	2.5	0.0	
biological sciences.....	5.6	4.1	8.8	5.5	5.9	4.7	9.1	5.3	3.2	3.2	3.1	
business.....	22.0	20.1	13.5	26.1	22.7	19.3	35.0	18.7	27.6	23.4	50.9	
education.....	11.5	15.9	4.8	11.4	9.7	10.4	7.1	10.7	11.5	10.0	20.2	
engineering.....	2.8	3.5	6.1	2.7	0.9	0.9	1.2	0.9	0.9	1.0	0.0	
English.....	5.8	3.9	9.1	4.3	7.9	9.5	7.3	6.4	1.9	1.9	1.9	
health professional.....	8.4	11.2	4.5	7.5	8.2	5.4	6.4	13.1	3.5	3.0	6.1	
history or political science....	6.0	4.0	13.4	5.5	5.8	7.0	4.9	4.9	1.3	1.4	1.0	
humanities.....	4.0	3.1	7.1	2.8	5.0	6.6	4.0	3.7	2.2	2.1	2.7	
fine arts.....	3.1	1.1	6.8	2.3	4.5	5.3	1.4	5.7	1.2	0.9	2.7	
mathematics or statistics.....	0.9	0.2	0.8	0.6	2.0	1.2	2.4	2.8	0.0	0.0	0.0	
physical sciences.....	1.9	2.0	2.4	2.3	1.3	1.8	1.0	1.0	0.2	0.2	0.0	
social sciences.....	14.5	15.6	12.8	13.0	15.5	18.5	10.4	15.3	9.1	10.3	2.7	
other technical.....	3.3	1.9	2.7	5.7	2.2	3.5	1.5	1.0	12.6	13.9	5.0	
other non-technical.....	9.3	12.1	6.9	10.0	6.9	6.0	6.9	8.0	8.0	8.8	3.6	
undecided.....	0.4	0.0	0.5	0.2	1.1	0.0	1.6	2.2	14.8	17.5	0.0	
Probable Graduate Major (7)												
agriculture.....	0.3	0.4	0.0	0.6	0.1	0.0	0.5	0.0	0.0	0.0	0.0	
biological sciences.....	3.7	2.5	4.9	5.9	2.1	1.6	1.9	3.1	1.0	1.2	0.0	
business.....	20.6	26.9	15.6	20.4	17.9	21.2	24.4	8.5	38.1	40.3	22.7	
education.....	13.9	13.7	9.7	16.9	12.6	11.1	13.9	14.1	19.5	17.5	33.2	
engineering.....	2.0	2.9	4.0	1.1	1.2	1.5	1.3	0.7	0.0	0.0	0.0	
English.....	3.3	3.0	3.1	4.1	2.8	3.3	1.5	2.8	2.4	1.6	7.9	
health professional.....	9.4	12.4	9.0	6.9	9.5	7.1	8.2	13.9	6.4	6.2	8.1	
history or political science....	2.3	1.9	3.9	1.5	2.7	2.2	1.9	4.0	0.0	0.0	0.0	
humanities.....	2.6	2.0	1.9	2.6	3.2	2.5	2.7	4.7	2.0	1.9	2.6	
fine arts.....	2.3	0.5	4.3	1.6	3.5	4.8	0.0	3.8	1.6	1.5	2.9	
mathematics or statistics.....	0.7	0.0	0.0	1.2	0.9	0.2	0.9	1.8	0.4	0.0	3.5	
physical sciences.....	1.3	2.5	1.1	0.8	0.9	1.1	0.0	1.1	1.7	1.9	0.0	
social sciences.....	13.7	11.6	14.4	11.1	17.5	17.1	15.2	19.7	12.8	13.5	7.7	
other technical.....	5.4	3.5	6.7	7.3	4.4	2.8	12.5	1.4	1.2	1.4	0.0	
other non-technical.....	14.8	12.0	17.5	15.3	15.3	17.5	11.4	14.7	12.1	12.3	11.2	
undecided.....	4.0	4.4	4.1	2.5	5.3	5.9	3.7	5.4	0.8	0.9	0.0	

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities										
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
DISAGGREGATED RESPONSES												
Probable Career in 1985												
accountant or actuary.....	7.0	7.8	2.6	8.4	6.2	6.7	7.8	4.5	6.3	6.9	3.3	
actor or entertainer.....	1.0	0.4	1.0	1.0	1.6	1.7	1.5	1.6	0.2	0.0	1.0	
architect or urban planner.....	0.6	1.3	0.4	0.5	0.1	0.2	0.0	0.0	0.3	0.3	0.0	
artist.....	1.1	0.4	0.7	0.5	2.4	3.5	0.0	2.6	0.1	0.0	0.6	
business (clerical).....	0.5	0.0	0.2	0.3	1.3	1.0	1.6	1.5	2.9	2.7	4.2	
business executive (mgmt,admin).....	11.2	9.8	10.8	11.3	12.6	11.2	19.9	9.5	14.3	12.0	27.5	
business owner or proprietor.....	1.4	0.7	1.9	2.0	1.2	1.6	1.6	0.6	9.4	10.8	1.8	
business salesperson or buyer.....	1.2	1.1	1.1	1.1	1.4	1.9	1.4	0.9	1.1	0.7	3.5	
clergy (minister,priest).....	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
clergy (other religious).....	0.7	0.0	0.0	0.0	2.5	5.1	0.6	0.4	0.2	0.2	0.0	
clinical psychologist.....	2.2	2.1	2.2	2.7	1.9	1.4	1.6	2.6	2.1	2.0	2.9	
college teacher.....	0.3	0.0	1.2	0.3	0.3	0.5	0.1	0.2	0.3	0.3	0.0	
computer programmer or analyst.....	2.9	0.9	1.5	6.5	1.7	2.3	0.5	1.6	5.6	5.4	6.7	
conservationist or forester.....	0.2	0.0	0.7	0.0	0.3	0.6	0.1	0.0	0.0	0.0	0.0	
dentist (including orthodontist).....	1.2	0.7	0.8	1.3	1.9	0.0	6.6	1.1	0.3	0.0	2.4	
dietitian or home economist.....	0.4	1.2	0.0	0.0	0.3	0.0	0.3	0.8	0.4	0.4	0.0	
engineer.....	3.5	4.7	9.2	2.3	1.8	1.8	1.5	2.0	1.9	2.3	0.0	
farmer or rancher.....	0.1	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.4	0.0	
frgn svc worker (incl diplomat).....	0.9	1.0	1.3	0.3	1.2	1.4	0.5	1.3	0.8	0.9	0.0	
homemaker (full-time).....	0.3	0.8	0.0	0.2	0.1	0.0	0.2	0.0	0.1	0.0	0.7	
interior decorator or designer.....	1.0	1.7	1.2	0.8	0.6	0.2	1.4	0.5	1.9	1.5	4.5	
intepreter (translator).....	0.4	0.0	0.6	0.5	0.5	0.9	0.0	0.4	0.0	0.0	0.0	
lab technician or hygienist.....	0.6	0.4	0.6	0.6	0.9	0.2	0.9	1.7	2.2	2.3	1.4	
law enforcement officer.....	0.3	0.0	0.0	0.9	0.2	0.2	0.7	0.0	0.2	0.3	0.0	
lawyer (attorney) or judge.....	5.1	2.7	7.4	5.5	6.1	6.9	7.4	4.4	2.3	2.4	1.5	
military service (career).....	0.3	0.2	0.0	0.8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	
musician (performer,composer).....	0.7	0.6	1.8	0.9	0.3	0.1	0.4	0.6	0.2	0.1	0.7	
nurse.....	4.4	4.0	1.2	6.4	3.7	2.5	3.3	5.3	13.3	14.9	3.7	
optometrist.....	0.6	1.3	0.3	0.5	0.2	0.2	0.6	0.0	0.0	0.0	0.0	
pharmacist.....	1.0	2.3	0.3	0.8	0.4	0.2	0.4	0.6	0.6	0.7	0.0	
physician.....	6.2	5.9	12.4	2.7	7.8	6.6	2.9	12.6	0.5	0.6	0.0	
school counselor.....	0.1	0.0	0.0	0.0	0.4	0.4	1.1	0.0	0.0	0.0	0.0	
school principal/superintendent.....	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
scientific researcher.....	1.8	1.4	2.2	2.2	1.7	2.2	1.3	1.4	0.3	0.3	0.0	
social,welfare or rec worker.....	1.1	0.2	0.0	1.7	1.9	2.9	1.0	1.1	1.9	2.1	1.0	
statistician.....	0.1	0.0	0.4	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.0	
therapist (phys,occup,speech).....	3.6	4.3	2.8	4.1	2.7	1.7	2.9	3.7	3.6	3.7	2.5	
teacher/admin (elementary).....	5.0	2.2	2.1	6.8	6.9	6.3	4.3	9.4	5.9	5.4	9.1	
teacher/admin (secondary).....	4.2	6.1	2.5	3.8	3.4	2.7	4.3	3.8	1.3	1.2	1.4	
veterinarian.....	1.6	3.3	0.3	1.5	0.6	0.8	0.0	0.6	1.9	1.9	1.9	
writer or journalist.....	3.8	2.5	5.6	3.9	4.4	5.1	2.2	5.0	2.7	2.7	2.5	
skilled trades.....	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.7	0.8	0.0	
other.....	5.9	6.3	3.0	6.5	5.9	5.1	9.5	4.5	9.2	9.1	10.2	
undecided.....	15.1	21.3	19.3	10.5	12.5	13.8	9.1	13.2	4.8	4.8	5.2	

1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Probable Career in 1989												
accountant or actuary.....	6.2	8.8	2.6	6.3	5.0	3.5	5.9	6.5	20.9	23.5	5.0	
actor or entertainer.....	0.6	0.0	2.0	0.4	1.0	0.8	1.5	0.9	0.8	0.8	1.3	
architect or urban planner.....	0.5	0.6	2.1	0.1	0.4	0.5	0.0	0.5	0.0	0.0	0.0	
artist.....	1.1	0.6	1.1	0.7	2.2	3.7	0.0	1.8	0.1	0.0	0.7	
business (clerical).....	1.2	0.7	0.0	1.0	2.1	2.2	2.7	1.6	6.2	3.6	22.7	
business executive (mgmt,admin)...	15.5	14.0	14.6	15.5	17.3	16.1	26.4	12.9	14.8	14.9	14.4	
business owner or proprietor.....	1.5	0.5	1.4	2.5	1.3	1.8	1.4	0.7	7.7	8.3	3.6	
business salesperson or buyer...	2.3	2.9	1.4	2.6	1.8	2.4	1.2	1.5	1.1	1.2	0.5	
clergy (minister,priest).....	0.1	0.0	0.0	0.0	0.3	0.3	0.8	0.0	0.0	0.0	0.0	
clergy (other religious).....	0.3	0.0	0.4	0.0	0.9	0.4	0.5	1.7	0.1	0.0	0.6	
clinical psychologist.....	1.9	1.4	3.0	1.4	2.6	3.0	2.0	2.4	0.8	0.9	0.0	
college teacher.....	1.9	1.0	2.3	1.8	2.9	3.4	2.2	2.5	0.7	0.8	0.0	
computer programmer or analyst..	1.8	1.0	1.7	2.6	1.9	1.9	2.9	1.1	0.6	0.6	1.0	
conservationist or forester.....	0.5	0.6	0.0	0.5	0.6	1.1	0.3	0.3	0.1	0.0	0.8	
dentist (including orthodontist)	0.8	0.4	0.5	0.7	1.4	0.1	5.9	0.0	0.0	0.0	0.0	
dietitian or home economist.....	0.3	0.3	0.5	0.2	0.2	0.0	0.3	0.3	0.4	0.4	0.0	
engineer.....	2.1	3.1	4.9	1.4	1.0	1.1	0.7	1.1	0.8	0.9	0.0	
farmer or rancher.....	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	
frgn svc worker (incl diplomat)...	0.9	0.7	2.0	0.7	1.1	1.1	1.1	1.0	0.0	0.0	0.0	
homemaker (full-time).....	0.7	0.5	0.2	1.5	0.1	0.0	0.0	0.2	0.7	0.5	1.9	
interior decorator or designer..	0.5	0.1	1.5	0.5	0.4	0.6	0.0	0.5	1.8	1.4	4.7	
intepreter (translator).....	0.4	0.2	0.6	0.6	0.3	0.7	0.0	0.0	0.2	0.2	0.0	
lab technician or hygienist.....	0.5	0.2	0.9	0.7	0.6	0.0	0.7	1.2	0.5	0.5	0.6	
law enforcement officer.....	1.1	0.3	0.2	0.5	2.9	5.4	1.5	0.6	0.1	0.2	0.0	
lawyer (attorney) or judge.....	3.4	2.5	10.3	1.7	3.6	4.5	2.4	3.3	0.9	1.0	0.0	
military service (career).....	0.6	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	
musician (performer,composer)...	0.3	0.2	0.8	0.3	0.3	0.0	0.6	0.5	0.0	0.0	0.0	
nurse.....	3.8	5.1	1.1	3.9	3.5	2.4	4.2	4.5	4.2	4.4	3.3	
optometrist.....	0.2	0.0	0.2	0.4	0.2	0.3	0.0	0.2	0.0	0.0	0.0	
pharmacist.....	1.1	2.0	0.6	0.4	1.3	0.5	0.7	2.6	0.0	0.0	0.0	
physician.....	2.3	2.2	5.9	0.2	3.6	2.4	1.1	6.8	0.4	0.4	0.0	
school counselor.....	1.0	2.1	0.0	0.6	0.7	1.0	0.0	0.8	0.9	1.0	0.0	
school principal/superintendent...	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
scientific researcher.....	2.1	1.7	3.6	2.7	1.5	1.3	0.2	2.5	0.9	1.0	0.0	
social,welfare or rec worker....	4.0	2.4	2.4	6.1	3.7	3.9	4.2	3.2	4.6	4.4	5.3	
statistician.....	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
therapist (phys,occup,speech)...	2.3	2.2	2.0	2.3	2.4	1.8	2.8	2.7	4.4	4.4	4.5	
teacher/admin (elementary).....	8.0	7.9	6.1	8.9	7.6	6.6	8.1	8.5	7.5	5.9	17.6	
teacher/admin (secondary).....	3.7	3.4	1.7	4.2	4.0	3.3	4.5	4.7	3.4	3.7	1.8	
veterinarian.....	0.5	0.2	0.8	0.9	0.2	0.2	0.0	0.4	0.0	0.0	0.0	
writer or journalist.....	3.6	4.1	4.7	3.3	2.9	2.4	1.9	4.1	1.3	1.2	1.7	
skilled trades.....	0.6	0.6	0.0	1.3	0.1	0.0	0.5	0.0	0.6	0.6	0.0	
other.....	13.3	18.7	9.2	12.2	10.9	12.3	8.6	10.4	7.1	7.4	5.2	
undecided.....	6.0	5.9	7.0	6.4	5.5	7.2	2.3	5.4	5.1	5.4	2.8	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv	
		Pub	Priv									
Probable Major Reported in 1985												
Arts and Humanities												
art, fine & applied.....	1.3	0.7	0.7	0.9	2.6	3.3	0.0	3.2	0.4	0.4	0.6	
English (language & literature).....	2.2	1.2	5.9	1.9	2.2	2.9	1.7	1.7	0.1	0.0	0.6	
history.....	0.7	0.0	1.5	0.6	1.2	1.4	0.0	1.9	0.7	0.8	0.0	
journalism.....	2.1	1.8	1.8	2.5	2.0	2.6	0.9	1.9	1.1	0.8	2.5	
language (except English).....	1.1	0.6	1.4	0.7	1.8	1.9	1.7	1.7	0.2	0.3	0.0	
music.....	1.1	0.9	2.3	1.1	0.8	0.7	0.4	1.2	0.7	0.8	0.0	
philosophy.....	0.1	0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	
speech.....	0.3	0.0	1.3	0.4	0.1	0.0	0.0	0.4	0.0	0.0	0.0	
theater or drama.....	0.7	0.4	1.6	0.0	1.4	1.0	1.4	2.0	0.2	0.0	1.0	
theology or religion.....	0.8	0.0	0.4	0.0	2.4	5.0	0.8	0.1	0.0	0.0	0.0	
other arts and humanities.....	0.8	0.8	1.4	0.4	0.8	1.0	1.3	0.3	0.3	0.0	1.8	
Biological Sciences												
biology (general).....	3.2	2.2	6.9	2.4	3.8	2.9	8.1	2.0	1.6	1.6	1.8	
biochemistry or biophysics.....	0.5	0.3	1.1	0.6	0.3	0.2	0.5	0.3	0.0	0.0	0.0	
botany.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
marine (life) science.....	0.2	0.0	0.2	0.4	0.2	0.0	1.0	0.0	0.0	0.0	0.0	
microbiology or bacteriology.....	0.3	0.5	0.3	0.0	0.3	0.5	0.2	0.2	0.4	0.4	0.0	
zoology.....	0.1	0.2	0.0	0.0	0.1	0.0	0.1	0.3	0.4	0.4	0.0	
other biological sciences.....	0.7	0.8	0.3	0.8	0.7	0.8	1.6	0.0	1.2	1.3	0.9	
Business												
accounting.....	7.4	8.3	3.0	8.7	6.8	6.4	8.5	6.1	6.9	7.5	3.2	
business admin (general).....	5.8	4.7	5.4	6.6	6.2	6.2	6.1	6.3	4.5	4.7	3.1	
finance.....	0.5	0.6	0.3	0.0	1.0	1.4	1.1	0.2	1.0	1.2	0.0	
marketing.....	2.6	2.9	3.2	2.6	2.0	2.9	2.0	0.6	1.8	2.1	0.6	
management.....	3.8	1.8	3.1	6.3	3.3	4.8	4.0	0.9	6.0	2.5	26.5	
secretarial studies.....	0.4	0.0	0.0	0.0	1.2	1.9	1.3	0.3	4.7	4.6	5.7	
other business.....	1.7	0.7	1.2	1.3	3.0	0.2	9.4	2.6	8.1	9.1	2.0	
Education												
business education.....	0.3	0.2	0.0	0.5	0.2	0.4	0.0	0.0	0.0	0.0	0.0	
elementary education.....	3.6	1.2	2.0	4.9	4.9	3.4	3.7	7.7	3.7	3.3	6.2	
music or art education.....	0.1	0.3	0.0	0.0	0.1	0.0	0.0	0.4	0.1	0.0	0.8	
physical education or recreation.....	1.4	4.5	0.0	0.0	0.6	0.6	0.4	0.8	0.2	0.2	0.0	
secondary education.....	1.1	0.6	1.2	0.8	1.9	1.0	3.2	2.2	0.7	0.7	0.7	
special education.....	1.0	0.5	0.0	1.6	1.3	1.7	0.9	1.0	1.7	1.7	1.6	
other education.....	0.5	0.0	0.4	1.2	0.3	0.6	0.0	0.0	1.3	1.1	2.8	
Engineering												
aeronautical/astronautical eng..	0.3	0.2	0.6	0.3	0.3	0.3	0.0	0.6	0.0	0.0	0.0	
civil engineering.....	0.3	0.6	0.6	0.0	0.2	0.1	0.2	0.4	0.0	0.0	0.0	
chemical engineering.....	0.5	0.7	1.0	0.6	0.1	0.0	0.3	0.2	0.6	0.7	0.0	
electrical/electronic eng.....	0.8	0.8	2.3	0.1	0.9	1.0	1.1	0.6	1.3	1.5	0.0	
industrial engineering.....	0.3	0.2	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
mechanical engineering.....	0.4	0.5	1.2	0.5	0.1	0.3	0.0	0.0	0.0	0.0	0.0	
other engineering.....	1.2	1.9	3.3	0.5	0.6	0.8	0.0	0.6	0.1	0.0	0.7	

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges								Two-year Colleges		
	All 4-yr	Universities							All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot			
Probable Major Reported in 1985											
Physical Sciences											
astronomy.....	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
atmospheric science.....	0.6	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.3	0.3	0.0
chemistry.....	0.5	0.3	1.6	0.2	0.6	0.5	0.4	1.1	0.0	0.0	0.0
earth science.....	0.2	0.5	0.7	0.0	0.1	0.2	0.0	0.2	0.0	0.0	0.0
marine science.....	0.1	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
mathematics.....	1.1	0.6	1.1	1.5	1.1	0.9	0.8	1.6	0.1	0.0	0.9
physics.....	0.2	0.0	0.9	0.0	0.4	0.6	0.0	0.3	0.0	0.0	0.0
statistics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical sciences.....	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Professional											
architecture/urban planning.....	0.6	1.2	0.4	0.4	0.4	0.2	0.0	1.0	0.4	0.5	0.0
home economics.....	1.4	3.2	0.9	0.9	0.4	0.2	0.9	0.4	1.2	1.4	0.0
health technology.....	1.5	1.6	0.6	2.0	1.2	1.1	0.8	1.5	2.7	2.1	5.9
library or archival science.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0
nursing.....	4.4	4.5	1.5	6.3	3.4	2.5	3.7	4.6	12.0	13.4	3.7
pharmacy.....	1.1	2.5	0.2	0.8	0.4	0.2	0.4	0.7	0.6	0.7	0.0
predent, premed, prevet.....	5.8	7.9	5.4	3.0	7.0	3.7	4.8	12.7	0.5	0.3	1.4
therapy (phys, occupat, etc).....	3.1	3.7	1.7	3.7	2.5	1.1	3.3	3.9	3.3	3.7	0.9
other professional.....	0.8	1.2	1.1	0.1	0.9	0.5	1.7	1.0	1.9	1.1	6.2
Social Sciences											
anthropology.....	0.2	0.0	0.9	0.0	0.3	0.5	0.3	0.0	0.3	0.3	0.0
economics.....	0.5	0.1	1.1	0.3	0.8	1.2	0.7	0.2	0.0	0.0	0.0
ethnic studies.....	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science.....	3.5	2.9	5.7	3.1	3.5	4.3	1.9	3.6	0.4	0.5	0.0
psychology.....	5.1	3.7	5.4	5.3	6.2	4.6	6.9	7.7	4.0	4.0	3.8
social work.....	0.9	0.7	0.3	1.5	0.8	0.8	0.5	1.0	1.7	1.8	1.0
sociology.....	0.2	0.0	0.0	0.2	0.3	0.4	0.1	0.3	0.0	0.0	0.0
women's studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences.....	0.1	0.1	0.2	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0
Technical											
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing, computer prog... drafting or design.....	0.7 0.0	0.0 0.0	0.3 0.0	1.6 0.0	0.7 0.0	0.9 0.0	0.2 0.0	0.7 0.0	2.4 0.0	2.6 0.0	0.9 0.0
electronics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mechanics.....	0.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
other technical.....	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.5	0.5	0.0
Other Fields											
agriculture.....	0.3	0.9	0.0	0.3	0.0	0.0	0.0	0.0	3.0	3.6	0.0
communications.....	2.7	1.3	1.9	4.5	2.4	4.1	1.3	1.0	2.2	2.4	1.2
computer science.....	1.9	0.8	0.3	4.7	0.4	0.3	0.5	0.5	3.0	2.5	5.8
forestry.....	0.1	0.0	0.3	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0
law enforcement.....	0.7	0.0	0.0	0.9	1.2	0.7	3.4	0.5	1.3	1.6	0.0
military science.....	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field.....	0.6	0.5	0.2	0.6	0.7	0.9	0.3	0.7	5.4	5.8	2.9
undecided.....	10.6	18.8	10.1	6.4	7.7	10.7	4.7	5.8	2.9	3.0	2.2

1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	Four-year Colleges											Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv		
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot						
Major Reported in 1989														
Arts and Humanities														
art, fine & applied.....	1.7	0.1	2.7	0.7	3.8	4.7	1.2	4.3	0.4	0.0	2.7			
English (language & literature).....	5.8	3.9	9.1	4.3	7.9	9.5	7.3	6.4	1.9	1.9	1.9			
history.....	1.7	0.7	4.0	1.0	2.5	2.8	2.7	1.9	0.5	0.4	1.0			
journalism.....	1.9	3.2	2.8	1.4	0.9	0.4	0.4	1.8	0.4	0.5	0.0			
language (except English).....	1.6	1.5	2.0	1.4	1.8	2.7	0.9	1.4	0.5	0.6	0.0			
music.....	0.7	0.2	1.6	1.0	0.4	0.4	0.0	0.8	0.5	0.5	0.0			
philosophy.....	0.3	0.0	1.8	0.0	0.4	0.7	0.0	0.2	0.0	0.0	0.0			
speech.....	0.5	0.4	1.5	0.4	0.3	0.2	0.2	0.4	0.3	0.3	0.0			
theater or drama.....	0.5	0.2	1.2	0.0	1.0	0.7	1.1	1.2	0.8	1.0	0.0			
theology or religion.....	0.3	0.0	0.5	0.0	0.8	0.9	1.5	0.2	0.1	0.0	0.7			
other arts and humanities.....	1.3	1.4	1.6	1.5	1.0	1.6	0.5	0.6	0.8	0.5	2.0			
Biological Sciences														
biology (general).....	4.3	1.7	7.7	4.6	5.2	4.0	8.8	4.3	0.7	0.3	3.1			
biochemistry or biophysics.....	0.5	0.6	0.5	0.2	0.6	0.7	0.3	0.6	0.3	0.4	0.0			
botany.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
marine (life) science.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0			
microbiology or bacteriology.....	0.2	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.4	0.5	0.0			
zoology.....	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
other biological sciences.....	0.6	1.7	0.0	0.3	0.0	0.0	0.0	0.0	1.8	2.1	0.0			
Business														
accounting.....	5.9	7.5	1.9	6.7	5.0	4.3	5.4	5.6	6.0	6.1	5.4			
business admin (general).....	4.9	1.9	0.8	7.7	6.2	4.7	8.9	6.1	4.8	4.6	5.6			
finance.....	2.1	2.8	5.1	1.1	1.5	0.8	2.5	1.8	0.8	1.0	0.0			
marketing.....	3.5	4.2	2.7	3.3	3.4	4.0	4.4	2.0	1.7	1.2	4.7			
management.....	3.5	2.5	3.0	4.9	3.1	3.4	3.6	2.3	5.1	5.3	3.9			
secretarial studies.....	0.5	0.0	0.0	0.9	0.8	1.1	0.0	0.8	7.8	4.7	25.0			
other business.....	1.6	1.1	0.2	1.4	2.8	1.1	10.2	0.0	1.4	0.6	6.2			
Education														
business education.....	0.4	0.8	0.0	0.5	0.1	0.2	0.0	0.0	0.0	0.0	0.0			
elementary education.....	5.9	6.1	3.9	6.4	5.9	6.2	4.0	6.7	6.6	4.9	16.1			
music or art education.....	0.2	0.4	0.3	0.0	0.3	0.0	0.4	0.6	0.0	0.0	0.0			
physical education or recreation.....	2.4	6.2	0.4	0.8	1.1	1.1	0.8	1.2	0.9	0.7	1.8			
secondary education.....	1.5	1.1	0.2	2.8	1.2	0.7	1.6	1.5	2.1	2.3	1.0			
special education.....	0.8	1.1	0.0	0.8	0.8	1.6	0.0	0.3	1.3	1.4	0.6			
other education.....	0.3	0.2	0.0	0.2	0.5	0.7	0.2	0.3	0.6	0.6	0.7			
Engineering														
aeronautical/astronautical eng..	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
civil engineering.....	0.2	0.3	0.3	0.2	0.1	0.0	0.3	0.0	0.0	0.0	0.0			
chemical engineering.....	0.2	0.3	0.2	0.1	0.1	0.0	0.3	0.0	0.0	0.0	0.0			
electrical/electronic eng.....	0.4	0.6	0.6	0.4	0.3	0.4	0.2	0.2	0.6	0.7	0.0			
industrial engineering.....	0.5	0.0	2.2	0.8	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
mechanical engineering.....	1.0	1.5	2.5	0.6	0.2	0.3	0.0	0.2	0.0	0.0	0.0			
other engineering.....	0.4	0.6	0.3	0.5	0.2	0.0	0.4	0.4	0.2	0.3	0.0			

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub						All	Pub	Priv
		Pub	Priv		All Priv	Nons	Cath	Prot				
Major Reported in 1989												
Physical Sciences												
astronomy.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
atmospheric science.....	0.5	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
chemistry.....	0.7	0.9	1.9	0.0	0.7	1.1	0.0	0.7	0.2	0.2	0.0	0.0
earth science.....	0.3	0.5	0.0	0.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
marine science.....	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mathematics.....	0.9	0.2	0.8	0.6	2.0	1.2	2.4	2.8	0.0	0.0	0.0	0.0
physics.....	0.3	0.1	0.5	0.1	0.5	0.4	1.0	0.3	0.0	0.0	0.0	0.0
statistics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical sciences.....	0.2	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Professional												
architecture/urban planning.....	0.3	0.4	1.0	0.3	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0
home economics.....	1.1	2.8	0.9	0.4	0.2	0.2	0.0	0.3	1.6	1.8	0.0	0.0
health technology.....	0.7	0.3	0.2	1.2	0.6	0.6	0.5	0.7	0.6	0.3	2.0	0.0
law.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
library or archival science.....	0.0	0.0	0.0	0.0	0.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0
nursing.....	3.8	5.4	1.2	4.0	3.1	2.2	3.4	3.9	2.4	2.2	3.5	0.0
pharmacy.....	0.9	2.3	0.3	0.0	0.7	0.6	0.0	1.4	0.0	0.0	0.0	0.0
premed, premed, prevet.....	1.7	1.2	1.4	1.5	2.5	0.7	0.0	6.5	0.0	0.0	0.0	0.0
therapy (phys, occupat, etc).....	2.0	2.3	1.6	2.1	2.0	1.9	3.0	1.3	1.1	0.8	2.6	0.0
other professional.....	0.8	0.8	0.7	0.5	1.0	1.0	0.8	1.1	0.8	0.9	0.0	0.0
Social Sciences												
anthropology.....	0.5	0.4	1.4	0.0	0.6	1.3	0.0	0.2	0.3	0.4	0.0	0.0
economics.....	1.5	2.6	1.6	0.4	1.5	1.9	0.2	1.9	0.3	0.4	0.0	0.0
ethnic studies.....	0.1	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science.....	4.3	3.3	9.3	4.4	3.3	4.2	2.2	3.0	0.8	1.0	0.0	0.0
psychology.....	7.6	7.6	6.4	7.8	7.9	9.2	5.4	8.2	5.0	5.4	2.7	0.0
social work.....	1.9	1.3	0.6	3.5	1.3	1.1	0.8	1.9	1.3	1.5	0.0	0.0
sociology.....	1.7	2.0	1.6	0.7	2.6	3.1	1.0	3.0	1.8	2.1	0.0	0.0
women's studies.....	0.1	0.0	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences.....	1.1	1.8	0.9	0.4	1.3	1.3	3.0	0.0	0.4	0.5	0.0	0.0
Technical												
building trades.....	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0
data processing, computer prog... drafting or design.....	0.9	0.3	0.3	1.7	0.8	1.4	0.5	0.3	0.8	0.7	1.0	0.0
electronics.....	0.2	0.0	0.9	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
mechanics.....	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other technical.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
	0.7	0.7	0.0	1.6	0.0	0.0	0.0	0.0	9.3	10.6	2.0	0.0
Other Fields												
agriculture.....	0.4	1.2	0.0	0.0	0.2	0.0	0.0	0.5	2.1	2.5	0.0	0.0
communications.....	3.9	3.5	1.4	6.1	2.9	3.5	2.2	2.8	1.7	1.7	1.8	0.0
computer science.....	0.7	0.3	1.3	0.9	0.6	1.2	0.5	0.0	1.8	2.1	0.0	0.0
forestry.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
law enforcement.....	0.4	0.0	0.2	0.3	0.8	0.3	1.4	0.9	0.3	0.3	0.0	0.0
military science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field.....	1.3	1.8	0.9	1.3	0.9	0.5	1.2	1.1	3.2	3.5	1.8	0.0
undecided.....	0.4	0.0	0.5	0.2	1.1	0.0	1.6	2.2	14.8	17.5	0.0	0.0

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All					All	Pub	Priv
		Pub	Priv		Priv	Nons	Cath	Prot				
Probable Graduate Major												
Arts and Humanities												
art, fine & applied.....	1.1	0.0	2.3	0.3	2.4	3.6	0.0	2.1	1.3	1.5	0.0	
English (language & literature).....	3.3	3.0	3.1	4.1	2.8	3.3	1.5	2.8	2.4	1.6	7.9	
history.....	0.6	0.4	1.4	0.0	1.0	0.6	0.8	1.6	0.0	0.0	0.0	
journalism.....	1.6	0.8	0.8	3.0	1.1	1.7	0.7	0.4	0.4	0.0	3.3	
language (except English).....	1.4	0.5	0.0	2.0	2.0	1.2	2.0	3.0	0.7	0.8	0.0	
music.....	0.6	0.3	0.6	1.3	0.2	0.3	0.0	0.2	0.4	0.0	2.9	
philosophy.....	0.2	0.4	0.2	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0	
speech.....	0.1	0.0	0.2	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	
theater or drama.....	0.3	0.0	1.1	0.0	0.4	0.2	0.0	0.9	0.0	0.0	0.0	
theology or religion.....	0.3	0.0	0.5	0.0	0.6	0.8	0.7	0.5	0.3	0.0	2.6	
other arts and humanities.....	0.5	1.1	0.0	0.6	0.1	0.2	0.0	0.0	0.9	1.0	0.0	
Biological Sciences												
biology (general).....	0.6	1.6	0.6	0.0	0.3	0.0	1.4	0.0	0.0	0.0	0.0	
biochemistry or biophysics.....	0.6	0.0	2.2	0.7	0.5	0.2	0.0	1.4	0.0	0.0	0.0	
botany.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0	
marine (life) science.....	0.2	0.4	0.0	0.0	0.5	0.2	0.0	1.2	0.0	0.0	0.0	
microbiology or bacteriology.....	0.6	0.0	1.6	1.3	0.1	0.0	0.5	0.0	0.0	0.0	0.0	
zoology.....	0.5	0.2	0.0	1.1	0.4	0.9	0.0	0.0	0.0	0.0	0.0	
other biological sciences.....	1.1	0.3	0.5	2.8	0.2	0.3	0.0	0.2	1.0	1.2	0.0	
Business												
accounting.....	2.1	4.7	0.8	1.3	1.2	2.2	0.9	0.0	6.2	4.6	17.1	
business admin (general).....	7.2	11.3	5.1	5.9	6.1	8.0	8.7	1.7	11.8	12.7	5.6	
finance.....	2.0	3.5	0.5	0.9	2.4	1.8	3.6	2.5	6.2	7.1	0.0	
marketing.....	4.6	1.8	5.4	7.0	4.2	6.4	2.8	2.0	6.3	7.3	0.0	
management.....	3.3	4.3	2.6	3.0	3.1	2.0	6.7	2.4	6.5	7.4	0.0	
secretarial studies.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
other business.....	1.4	1.2	1.1	2.3	0.8	0.9	1.7	0.0	1.1	1.2	0.0	
Education												
business education.....	0.9	0.0	1.2	0.9	1.4	1.8	2.4	0.0	0.0	0.0	0.0	
elementary education.....	4.8	5.7	2.4	6.8	3.1	2.1	4.6	3.5	3.4	2.8	7.8	
music or art education.....	0.3	0.0	0.0	0.2	0.7	1.5	0.0	0.0	0.0	0.0	0.0	
physical education or recreation.....	0.4	0.0	0.6	0.3	0.8	0.9	0.3	0.8	0.9	0.0	7.0	
secondary education.....	1.9	2.2	2.9	1.0	2.3	0.9	2.9	3.8	1.5	1.2	3.9	
special education.....	1.7	1.7	2.2	1.4	1.8	1.9	0.7	2.4	5.4	5.6	4.1	
other education.....	3.9	4.2	0.3	6.3	2.7	1.9	2.9	3.6	8.3	8.0	10.4	
Engineering												
aeronautical/astronautical eng..	0.1	0.0	0.3	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	
civil engineering.....	0.3	0.2	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
chemical engineering.....	0.1	0.2	0.3	0.0	0.1	0.0	0.6	0.0	0.0	0.0	0.0	
electrical/electronic eng.....	0.3	0.0	1.2	0.1	0.3	0.5	0.3	0.0	0.0	0.0	0.0	
industrial engineering.....	0.2	0.0	0.7	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0	
mechanical engineering.....	0.3	0.3	0.0	0.2	0.4	0.4	0.0	0.7	0.0	0.0	0.0	
other engineering.....	0.7	2.1	0.5	0.2	0.2	0.2	0.4	0.0	0.0	0.0	0.0	

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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities								All	Pub	Priv
		Pub	Priv	Pub	All Priv	Nons	Cath	Prot				
Probable Graduate Major												
Physical Sciences												
astronomy.....	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2		0.0	0.0	0.0
atmospheric science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
chemistry.....	0.7	1.3	0.8	0.3	0.4	0.5	0.0	0.6		1.0	1.1	0.0
earth science.....	0.4	0.9	0.0	0.5	0.0	0.0	0.0	0.0		0.0	0.0	0.0
marine science.....	0.1	0.0	0.0	0.0	0.2	0.4	0.0	0.0		0.0	0.0	0.0
mathematics.....	0.7	0.0	0.0	1.2	0.9	0.2	0.9	1.8		0.4	0.0	3.5
physics.....	0.2	0.3	0.3	0.0	0.2	0.3	0.0	0.3		0.0	0.0	0.0
statistics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
other physical sciences.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.7	0.8	0.0
Professional												
architecture/urban planning.....	0.4	0.2	1.3	0.0	0.7	0.6	0.0	1.5		0.0	0.0	0.0
home economics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1.5	1.7	0.0
health technology.....	3.0	2.8	5.2	2.5	2.9	1.1	10.2	0.6		0.0	0.0	0.0
law.....	6.8	7.7	13.9	2.8	7.3	8.0	6.0	7.1		3.4	3.2	4.9
library or archival science.....	1.2	0.3	0.3	2.7	0.7	0.4	1.0	0.8		0.0	0.0	0.0
nursing.....	3.7	5.7	1.2	4.0	2.9	1.8	1.6	5.5		3.0	3.4	0.0
pharmacy.....	0.9	1.0	0.9	0.8	1.1	0.2	1.3	2.3		0.0	0.0	0.0
premed, premed, prevet.....	1.7	2.3	4.8	0.0	1.8	2.5	1.7	1.0		1.5	1.7	0.0
therapy (phys, occupat, etc).....	3.0	3.4	2.1	2.2	3.7	2.7	3.6	5.2		2.0	1.1	8.1
other professional.....	2.1	3.0	0.3	2.5	1.8	1.2	2.1	2.5		0.0	0.0	0.0
Social Sciences												
anthropology.....	0.4	0.0	0.9	0.0	0.8	1.2	0.3	0.7		1.1	1.3	0.0
economics.....	0.4	0.2	0.3	0.3	0.7	0.7	0.0	1.3		0.0	0.0	0.0
ethnic studies.....	0.2	0.0	0.0	0.4	0.1	0.2	0.0	0.0		0.0	0.0	0.0
geography.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
political science.....	1.7	1.4	2.6	1.5	1.7	1.5	1.1	2.4		0.0	0.0	0.0
psychology.....	6.6	5.8	7.7	4.1	9.2	9.0	7.2	10.9		4.1	4.7	0.0
social work.....	3.5	3.6	3.0	2.5	4.5	3.9	6.5	4.1		7.2	7.5	5.4
sociology.....	1.1	1.9	0.6	1.4	0.4	0.7	0.2	0.0		0.0	0.0	0.0
women's studies.....	0.3	0.0	0.4	0.0	0.8	0.5	0.0	1.9		0.0	0.0	0.0
other social sciences.....	1.3	0.0	1.6	2.5	1.0	1.0	1.0	0.9		0.3	0.0	2.3
Technical												
building trades.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
data processing, computer prog...	0.9	0.0	0.0	2.8	0.1	0.0	0.6	0.0		0.0	0.0	0.0
drafting or design.....	0.2	0.0	0.6	0.5	0.1	0.1	0.0	0.0		0.0	0.0	0.0
electronics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
mechanics.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
other technical.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1.2	1.4	0.0
Other Fields												
agriculture.....	0.3	0.4	0.0	0.6	0.0	0.0	0.0	0.0		0.0	0.0	0.0
communications.....	1.9	0.3	0.9	2.5	3.0	5.4	0.5	1.1		4.0	4.2	3.0
computer science.....	1.2	0.7	0.9	1.5	1.3	1.5	1.7	0.8		0.0	0.0	0.0
forestry.....	0.0	0.0	0.0	0.0	0.1	0.0	0.5	0.0		0.0	0.0	0.0
law enforcement.....	0.3	0.0	0.0	0.6	0.5	0.1	1.1	0.6		0.5	0.6	0.0
military science.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
other field.....	0.8	0.0	1.3	1.1	1.0	0.7	0.0	2.1		2.2	2.5	0.0
undecided.....	4.0	4.4	4.1	2.5	5.3	5.9	3.7	5.4		0.8	0.9	0.0

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
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FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities Pub Priv	Pub	Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv
HOURS PER WEEK IN THE PAST YEAR SPENT ON												
Classes/Labs												
none.....	1.1	0.4	1.7		1.6	1.1	0.8	0.8	1.8	0.9	0.9	0.8
less than one.....	0.1	0.4	0.0		0.0	0.1	0.2	0.0	0.0	0.6	0.7	0.0
1 - 2.....	3.7	2.0	0.0		5.5	4.7	4.0	9.2	2.7	3.1	3.4	1.8
3 - 5.....	5.8	3.3	4.9		7.3	6.7	5.1	6.5	8.8	16.0	16.4	13.3
6 - 10.....	11.5	10.0	19.9		7.4	14.5	20.4	9.5	10.1	10.8	11.0	9.4
11 - 15.....	32.8	38.0	31.6		31.6	29.7	26.5	35.9	29.7	25.7	26.3	21.9
16 - 20.....	30.6	34.0	27.6		29.7	29.3	26.3	31.2	31.9	31.4	29.7	42.3
over 20.....	14.4	11.9	14.4		16.8	13.9	16.7	7.0	14.9	11.5	11.6	10.5
Studying/Homework												
none.....	0.2	0.2	0.0		0.6	0.0	0.0	0.0	0.0	0.3	0.3	0.0
less than one.....	0.2	0.2	0.0		0.0	0.4	0.2	0.7	0.4	1.4	1.2	2.8
1 - 2.....	3.8	6.9	1.8		2.6	3.0	5.2	1.1	1.5	4.7	4.7	5.1
3 - 5.....	16.3	12.7	11.3		18.9	18.6	22.4	16.4	15.1	16.9	17.7	12.1
6 - 10.....	30.4	36.1	25.9		30.6	26.4	24.5	28.0	27.8	28.9	28.2	33.4
11 - 15.....	21.3	17.5	24.0		24.3	20.6	19.5	16.9	24.3	22.6	22.7	22.2
16 - 20.....	14.6	14.1	17.2		13.4	15.5	15.2	24.4	10.2	12.0	11.6	15.1
over 20.....	13.1	12.3	19.8		9.6	15.5	12.9	12.6	20.8	13.1	13.6	9.3
Socializing with Friends												
none.....	0.2	0.0	0.3		0.3	0.4	0.4	0.3	0.3	0.0	0.0	0.0
less than one.....	2.7	0.7	0.4		2.6	5.4	2.4	10.8	5.9	1.4	1.6	0.0
1 - 2.....	7.1	3.6	4.6		11.1	6.9	9.3	5.8	4.6	22.0	25.2	1.3
3 - 5.....	17.7	18.4	10.2		17.6	19.7	17.5	28.6	16.9	14.2	14.0	15.5
6 - 10.....	26.6	24.7	27.3		29.6	24.7	23.9	23.1	26.7	20.8	17.2	44.4
11 - 15.....	18.6	23.9	24.5		14.9	15.6	15.8	11.7	17.7	17.8	18.5	13.7
16 - 20.....	10.8	9.0	16.2		9.9	11.5	11.4	9.9	12.8	5.2	4.6	9.7
over 20.....	16.4	19.8	16.5		14.0	15.7	19.2	9.7	15.1	18.6	19.1	15.4
Talk with Faculty Outside Class												
none.....	7.0	9.0	9.6		6.8	4.5	5.0	5.6	3.1	9.1	9.3	7.7
less than one.....	38.9	43.1	37.6		42.0	31.9	25.9	40.6	33.9	33.0	32.7	35.2
1 - 2.....	36.4	36.1	37.7		33.3	39.6	45.0	33.0	36.9	45.4	47.2	31.9
3 - 5.....	14.3	9.9	12.7		13.8	19.7	19.7	16.2	21.9	10.2	8.9	20.0
6 - 10.....	2.8	1.9	1.5		3.9	2.8	2.3	3.7	2.8	1.7	1.5	3.3
11 - 15.....	0.4	0.0	0.3		0.2	1.2	1.4	0.2	1.4	0.3	0.4	0.0
16 - 20.....	0.2	0.0	0.6		0.0	0.4	0.6	0.4	0.0	0.2	0.0	1.9
over 20.....	0.0	0.0	0.0		0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Exercising/Sports												
none.....	8.3	5.4	5.8		12.7	7.0	8.2	6.6	5.8	14.1	15.7	4.1
less than one.....	15.5	15.8	12.9		18.0	13.5	13.9	17.1	10.8	12.2	12.6	9.6
1 - 2.....	25.4	23.0	22.9		25.4	28.6	29.0	29.5	27.6	21.2	21.7	18.3
3 - 5.....	31.8	38.4	30.1		26.1	32.3	28.2	30.8	38.5	29.0	29.5	25.5
6 - 10.....	13.4	14.0	20.8		12.2	11.7	10.7	11.2	13.3	18.6	16.1	34.4
11 - 15.....	2.8	1.8	3.7		2.6	3.5	5.6	1.5	2.2	2.9	2.9	3.4
16 - 20.....	1.2	0.7	1.0		1.0	1.9	2.4	2.8	0.6	0.5	0.3	1.4
over 20.....	1.6	0.9	2.8		2.0	1.4	2.0	0.6	1.2	1.5	1.2	3.3

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities		Pub	All		Nons	Cath	Prot	All	Pub	Priv
		Pub	Priv		Priv							
HOURS PER WEEK IN THE PAST YEAR SPENT ON												
Reading for Pleasure												
none.....	24.8	24.0	22.6	27.9	22.8	19.7	30.2	21.9		24.0	23.9	24.6
less than one.....	28.9	27.7	30.4	26.9	31.9	36.2	23.5	31.9		18.8	17.9	25.1
1 - 2.....	27.1	32.7	28.6	22.7	26.4	24.2	31.9	25.6		29.1	32.0	10.8
3 - 5.....	13.6	10.8	12.6	16.3	13.7	13.5	10.4	15.9		13.0	9.6	34.3
6 - 10.....	3.3	2.2	3.7	3.9	3.6	4.1	3.7	2.8		5.3	5.7	2.4
11 - 15.....	1.2	1.3	1.0	1.5	0.8	1.0	0.2	0.9		1.8	1.9	1.2
16 - 20.....	0.7	1.1	0.6	0.7	0.3	0.3	0.0	0.6		0.2	0.0	1.5
over 20.....	0.4	0.4	0.4	0.2	0.6	1.0	0.0	0.4		7.8	9.0	0.0
Using a Personal Computer												
none.....	31.0	34.9	19.2	34.5	27.6	26.4	20.4	33.9		38.4	36.4	51.4
less than one.....	18.2	28.5	12.9	14.4	14.6	12.0	18.1	15.9		17.1	18.2	9.8
1 - 2.....	18.3	13.8	22.9	20.6	18.6	21.4	14.2	17.6		18.9	19.7	13.7
3 - 5.....	18.5	14.2	21.6	19.1	20.8	16.4	32.8	18.7		18.0	18.7	13.7
6 - 10.....	8.0	4.7	14.8	6.6	10.3	12.6	7.4	9.2		3.8	4.0	2.4
11 - 15.....	3.1	2.9	4.5	2.0	4.2	6.3	3.1	2.0		2.4	1.6	7.3
16 - 20.....	1.5	0.8	2.5	1.1	2.2	3.6	1.4	0.7		0.0	0.0	0.0
over 20.....	1.3	0.2	1.6	1.8	1.8	1.3	2.6	1.9		1.5	1.5	1.6
Partying												
none.....	16.6	9.3	11.0	21.0	20.6	14.1	23.4	27.1		27.4	28.9	17.9
less than one.....	13.0	11.2	9.3	12.9	15.9	16.0	11.0	19.0		8.3	7.9	10.9
1 - 2.....	19.2	21.4	20.1	19.3	16.8	16.8	18.3	15.8		15.5	13.2	30.0
3 - 5.....	23.7	26.5	24.9	19.7	25.0	27.6	29.8	18.7		23.1	24.3	15.6
6 - 10.....	15.6	12.8	18.4	19.8	12.6	14.2	11.0	11.5		11.0	11.3	9.0
11 - 15.....	5.8	8.8	10.1	3.5	4.1	5.2	3.7	3.0		8.1	8.5	5.9
16 - 20.....	2.5	2.4	3.3	2.2	2.8	4.1	1.9	1.7		2.8	2.8	2.8
over 20.....	3.6	7.6	2.8	1.7	2.1	2.0	1.0	3.1		3.9	3.2	7.9
Working (for Pay)												
none.....	22.3	23.3	21.5	24.7	18.7	21.8	15.9	16.6		27.0	28.9	14.7
less than one.....	0.6	0.6	0.9	0.0	1.1	1.3	0.6	1.3		1.3	1.5	0.2
1 - 2.....	3.5	7.0	1.8	2.1	2.3	2.4	0.9	3.2		0.8	0.9	0.0
3 - 5.....	5.5	1.1	9.3	4.5	9.4	10.4	3.5	11.9		4.6	4.9	2.6
6 - 10.....	16.9	17.5	21.5	15.3	16.3	17.8	10.0	18.3		16.2	16.2	15.7
11 - 15.....	15.4	17.4	19.5	14.2	13.4	15.2	11.4	12.2		10.1	6.7	31.4
16 - 20.....	15.7	15.1	13.7	16.2	16.3	15.3	23.3	13.2		15.8	16.6	10.1
over 20.....	20.3	17.9	11.7	23.0	22.4	15.9	34.4	23.2		24.3	24.1	25.2
Volunteer Work												
none.....	61.6	65.3	52.5	65.5	57.0	54.0	67.7	53.9		65.6	64.9	69.6
less than one.....	11.5	11.1	12.7	8.6	14.5	17.4	9.5	14.0		6.5	4.8	17.5
1 - 2.....	13.9	9.6	17.1	15.7	14.7	13.2	10.7	19.3		16.3	18.0	5.0
3 - 5.....	6.1	6.3	11.2	4.3	6.2	6.3	6.7	5.6		1.3	1.1	2.6
6 - 10.....	4.7	5.3	5.5	4.1	4.7	5.5	4.0	4.0		9.4	10.2	4.3
11 - 15.....	0.8	0.9	0.3	0.7	0.9	1.1	0.3	1.0		0.4	0.4	0.0
16 - 20.....	0.7	1.0	0.2	0.3	0.9	1.1	0.9	0.7		0.3	0.3	0.0
over 20.....	0.8	0.4	0.4	0.9	1.1	1.3	0.2	1.6		0.3	0.2	1.0

**1989 FOLLOW-UP OF FALL 1985 FRESHMEN
ADJUSTED NATIONAL NORMS**

FEMALE STUDENTS	Four-year Colleges									Two-year Colleges		
	All 4-yr	Universities Pub Priv	Pub	All Priv	Nons	Cath	Prot	All	Pub	Priv		
HOURS PER WEEK IN THE PAST YEAR SPENT ON												
Student Clubs/Groups												
none.....	38.1	35.6	26.7	43.9	38.0	34.6	46.9	36.5	56.1	57.8	45.5	
less than one.....	10.9	12.0	11.1	9.1	11.9	13.2	14.3	8.7	8.1	7.9	8.8	
1 - 2.....	24.2	25.1	24.5	26.3	20.9	20.7	18.2	22.9	24.5	24.0	27.2	
3 - 5.....	16.3	17.0	21.9	12.1	18.5	21.0	14.7	17.6	7.0	6.5	9.9	
6 - 10.....	6.6	6.5	11.6	4.7	7.1	7.3	4.3	8.7	2.6	1.9	6.9	
11 - 15.....	2.1	2.4	2.7	1.6	2.2	2.2	0.9	2.9	1.2	1.1	1.8	
16 - 20.....	0.8	0.4	1.5	1.2	0.4	0.3	0.3	0.5	0.4	0.4	0.0	
over 20.....	0.9	0.9	0.0	1.0	1.1	0.6	0.4	2.1	0.3	0.3	0.0	
Watching TV												
none.....	9.0	4.0	18.0	10.4	9.0	10.2	6.7	8.9	5.2	5.0	5.8	
less than one.....	12.6	12.3	12.9	11.3	14.2	13.3	9.5	18.3	15.0	15.5	12.2	
1 - 2.....	19.3	16.3	19.2	18.6	23.1	20.7	24.8	24.9	24.3	24.7	21.8	
3 - 5.....	29.0	36.2	24.0	26.0	27.1	27.0	28.7	26.4	33.5	33.6	33.1	
6 - 10.....	17.2	16.8	16.9	18.9	15.9	16.8	20.1	12.1	9.7	9.6	9.8	
11 - 15.....	8.3	9.9	6.3	9.0	6.7	7.1	6.1	6.6	6.0	5.6	8.7	
16 - 20.....	2.6	3.1	1.0	2.3	2.9	4.2	2.7	1.2	2.8	2.8	2.5	
over 20.....	2.0	1.4	1.5	3.5	1.2	0.7	1.6	1.6	3.5	3.1	6.0	
Commuting to Campus												
none.....	37.4	34.1	52.0	27.7	46.1	50.6	28.0	51.9	32.9	33.2	31.4	
less than one.....	17.8	19.7	20.4	18.8	14.1	12.4	10.6	18.5	14.0	14.9	8.2	
1 - 2.....	16.5	20.8	13.2	16.8	13.2	15.2	10.5	12.4	13.8	13.5	16.2	
3 - 5.....	18.2	19.5	7.6	22.3	16.0	12.8	30.0	11.2	10.6	11.0	8.4	
6 - 10.....	7.8	5.6	3.7	10.2	8.7	7.3	18.6	4.3	12.1	9.8	26.4	
11 - 15.....	1.9	0.3	2.6	3.9	0.9	0.9	1.6	0.4	7.5	8.5	0.9	
16 - 20.....	0.0	0.0	0.2	0.0	0.1	0.2	0.0	0.0	1.3	0.4	7.3	
over 20.....	0.4	0.0	0.3	0.3	0.8	0.6	0.6	1.3	7.7	8.7	1.2	
Religious Services/Meetings												
none.....	46.1	51.1	49.5	44.7	41.7	46.3	42.0	35.7	55.5	58.3	37.6	
less than one.....	15.5	21.8	15.1	12.4	13.2	12.6	16.1	12.1	15.3	16.7	5.9	
1 - 2.....	29.4	24.2	27.6	31.4	32.5	31.6	33.1	33.3	22.9	22.6	24.8	
3 - 5.....	5.8	1.4	4.9	6.3	9.6	7.8	6.7	13.9	5.8	2.4	28.0	
6 - 10.....	2.0	0.5	1.5	3.3	2.2	1.1	2.1	3.5	0.3	0.0	2.5	
11 - 15.....	0.8	0.8	0.8	1.1	0.5	0.5	0.0	0.8	0.2	0.0	1.2	
16 - 20.....	0.2	0.3	0.6	0.0	0.2	0.0	0.0	0.5	0.0	0.0	0.0	
over 20.....	0.2	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Hobbies												
none.....	25.9	26.7	27.6	24.0	26.8	26.1	30.5	25.4	27.3	28.8	17.6	
less than one.....	21.9	21.3	18.7	23.4	22.0	24.8	20.7	19.3	25.5	28.0	9.7	
1 - 2.....	31.1	30.0	29.6	31.2	32.5	29.0	32.8	36.9	30.9	28.9	43.6	
3 - 5.....	15.3	15.1	17.2	15.6	14.5	15.6	12.8	14.3	11.8	11.4	14.3	
6 - 10.....	3.5	3.8	6.2	2.8	3.0	3.3	1.6	3.4	3.5	2.5	10.3	
11 - 15.....	0.9	1.2	0.4	1.0	0.7	1.0	0.9	0.2	0.4	0.0	2.9	
16 - 20.....	0.5	1.1	0.0	0.7	0.1	0.0	0.0	0.2	0.5	0.4	1.4	
over 20.....	0.8	0.8	0.4	1.3	0.4	0.2	0.7	0.5	0.0	0.0	0.0	

Appendix A

Weighting Methodology

Appendix A Weighting Methodology

ADJUSTING THE 1989 FOLLOW-UP RESULTS

Why Adjustment is Necessary

The 1989 follow-up of 1985 and 1987 freshmen shares a problem in common with many mail-out surveys—low response rate. In the national norms sample, some 22.5% of the 20,317 1985 freshmen, and 21.8% of the 20,100 1987 freshmen returned their surveys. Response rates varied significantly according to sex, race and type of school, with women responding more than men; whites, Chicanos and Asians responding more than blacks and other races; and students attending private schools responding more than those at public schools (see Tables A1–A3).

It is a well-known fact that people who do not respond to a survey are “different” from people who do. The way in which the difference manifests itself in any given survey depends on what the survey measures. In the case of the 1989 follow-up, two very important differences between respondents and non-respondents are academic achievement and retention (see Table A4). Some of the more striking examples include:

High School Grades—respondents are almost twice as likely to have a high school GPA of A- or better, and less than one-half as likely to have a GPA of C+ or less.

SAT Scores—respondents have higher overall SAT scores than non-respondents.

Retention—respondents were far more likely to have completed four years at their 1985 college (two years for the 1987 cohort) and/or be currently enrolled. Non-respondents were three times as likely to have dropped out before completing their first year.

While some of these differences are clearly related to the demographic differences already mentioned, it is reasonable to assume that “success” in college may also be an influence on whether or not a student responds.

It stands to reason that such biases will yield results more optimistic than one might expect on such important issues as retention, academic performance and satisfaction. In order to provide a more reasonable estimate of the actual situation regarding these issues, we must find a method for

estimating, in effect, how those students who did not respond would have answered the follow-up questions.

Computing the Adjustments for the National Norms Sample

Following the method developed by Astin and Molm (1972), we decided to describe the respondent and non-respondent samples in more detail by using the statistical technique of multiple stepwise regression to identify freshman characteristics which predict whether or not a student would respond to the follow-up survey. In addition, regression helped in measuring the relative importance of interrelated factors (such as high school grades and SAT) in predicting response.

The variables used to predict whether a student responded to the survey came from two sources: 1) The 1985 (or 1987) freshman survey responses available for each student in the follow-up sample, and 2) The retention information which was obtained from the registrar's office of each CIRP institution where the students were enrolled during their freshman year (response rates for registrar's data are shown in Tables A1-A3).

Each cohort was divided into four groups on the basis of sex and the presence or absence of registrar's data. A regression was then run on each group, using every variable (over 300) in the freshman and registrar's data. Each regression produced a set of some 15-35 variables which had a significant predictive power, and an equation which indicated the relative contribution of each variable to the prediction (see Tables A5, A6).

By applying the appropriate regression equation to each student in the sample, it is possible to estimate the response probability for each student in the sample. Students with a low probability of response should have, as a group, a smaller response rate than those with a high computed probability of response. Table A7 shows that the probabilities computed for the 1989 follow-up did discriminate well between respondents and non-respondents.

At this point, non-respondents were dropped and a weighting factor was produced for each responding student, consisting of the reciprocal of the student's computed probability of response. Thus, a responding student with a low computed probability was given a large weight, while a responding student with a high probability of response was given a small weight. Responding students with a low response probability therefore stand as a "proxy" for other low-probability students who did not respond. In effect, this procedure gives the greatest weight to the responses of those students who most resemble the non-respondents. An arbitrary ceiling of 99.99 was set for this weight, to prevent giving undue weight to any single case. Less than 0.1% of the students' assigned weights would have been higher than the ceiling.

Using these weights yielded counts that approximate the entire sample to whom follow-up surveys were mailed. Because the regression equations were not perfect predictors of response, and because the follow-up national norms counts were estimates of the 1985 (or 1987) national

population of first-time full-time freshmen, a second weighting factor was necessary. This new weight allowed the weighted counts to match the population counts by sex and stratification cell as indicated in the 1985 and 1987 national norms. The weight compensated for two additional factors: the sampling of students for the follow-up, and the sampling of institutions for the original freshman survey. The product of the two weighting factors comprise the final weight for each student.

Problems with the Adjustment

Analyses of the type used to produce the adjustments in the follow-up data for a particular stratification cell are subject to distortion under certain conditions. The most important of these is sample size. If a particular respondent group is small, individual differences between students (which are magnified by the weighting factors) can obscure trends which actually exist in the population. Generally speaking, if the respondent sample is less than 50, the adjusted results should be regarded with some caution. Percentages based on samples of less than 50 are indicated in the national norms reports by *italics*.

Table A1
Response Rates by Sex

Sex	1985 Cohort			1987 Cohort		
	Follow-up Percent	Registrar Percent	N	Follow-up Percent	Registrar Percent	N
Male	19.2	61.5	11,919	17.8	58.3	12,176
Female	27.3	60.2	8,398	28.0	61.7	7,924
Total	22.5	61.0	20,317	21.8	59.6	20,100

Table A2
Response Rates by Race

Sex	1985 Cohort			1987 Cohort		
	Follow-up Percent	Registrar Percent	N	Follow-up Percent	Registrar Percent	N
White	24.4	63.7	16,455	23.7	65.4	15,999
Black	12.7	43.8	2,718	11.4	28.8	2,867
American Indian	28.6	53.0	168	21.5	54.0	163
Asian	22.6	63.2	468	26.2	62.6	543
Chicano	25.8	72.5	233	23.9	63.8	188
Puerto Rican	19.3	51.1	88	15.6	44.7	141
Other	21.3	56.1	253	19.9	55.0	347
Total	22.5	61.0	20,317	21.8	59.6	20,100

NOTE: Sum of ethnic counts is larger than the "total" count because respondents may indicate more than one ethnic category.

Table A3
Response Rates by Norm Group

	1985 Cohort			1987 Cohort		
	Follow-up Percent	Registrar Percent	N	Follow-up Percent	Registrar Percent	N
All four year institutions	24.6	63.1	16,658	22.4	62.9	17,078
Public universities	24.9	60.6	2,824	23.0	54.0	2,870
Private universities	29.5	73.3	2,224	28.7	79.1	2,276
Public four-year colleges	20.9	37.9	3,222	17.0	40.5	4,282
All private four-year colleges	24.6	71.0	8,368	23.3	73.9	7,650
Nonsectarian four-year colleges	22.9	61.1	4,177	21.2	63.3	3,551
Catholic four-year colleges	24.9	76.1	1,945	24.5	83.3	2,073
Protestant four-year colleges	27.6	84.8	2,246	25.9	83.0	2,026
All two-year colleges	13.2	51.1	3,659	18.3	41.3	3,022
Public two-year colleges	13.9	50.2	2,649	18.9	32.7	2,186
Private two-year colleges	11.5	53.5	1,010	16.6	63.6	836
Total	22.5	61.0	20,317	21.8	59.6	20,100

NOTE: Historically Black colleges are included in the appropriate norms group. No separate norms groups for Black colleges were included due to low response rates.

Table A4
Selected Freshman Characteristics of Respondents and Non-Respondents to the 1989 Follow-Up

	Did Student Respond?			
	1985 Cohort		1987 Cohort	
	No	Yes	No	Yes
High school grades A- or better	20.9	37.3	21.3	38.6
High school grades C+ or worse	21.7	8.5	21.1	9.1
White students	79.1	87.5	77.7	86.4
Black students	15.1	7.5	15.2	7.5
Completed less than 1 yr of college	12.6	3.9	11.1	3.8
Completed 4 (or 2) years of college	40.9	66.5	63.0	81.8
Enrolling in Fall 1989	16.7	19.9	62.3	78.2
Received BA	29.7	54.9	—	—
Average SAT Composite	—	—	1017.1	1057.1

Table A5
Top Five Predictors of Response: 1985 Cohort

Men—Registrar's Data (R=.33)	
	Beta
Registrar: received bachelor's degree	.127
Registrar: number of years completed	.075
Self-rating: popularity with opposite sex	-.054
Average high school grade	.051
Self-rating: academic ability	.045
Women—Registrar's Data (R=.33)	
	Beta
Registrar: received bachelor's degree	.123
Institutional selectivity	.070
Average high school grade	.064
Self-rating: popularity with opposite sex	-.056
Registrar: enrolled in Fall 1989	.051
Men—No Registrar's Data (R=.32)	
	Beta
Student's religion: Jewish	.118
Mother's religion: Jewish	-.096
Institutional selectivity	.089
Average high school grade	.077
Self-rating: popularity with opposite sex	-.056
Women—No Registrar's Data (R=.31)	
	Beta
Average high school grade	.129
Source of aid: parents or family	.074
Student attending private university	-.074
Source of aid: college grant	.065
1984 activity: played musical instrument	.064

Table A6
Top Five Predictors of Response: 1987 Cohort

Men—Registrar's Data (R=.31)	
	Beta
Registrar: number of years completed	.087
Average high school grade	.065
1986 activity: missed school from illness	-.058
Self-rating: popularity with opposite sex	-.056
Self-rating: social self-confidence	-.050
Women—Registrar's Data (R=.31)	
	Beta
Registrar: enrolled in Fall 1989	.087
Self-rating: academic ability	.063
Student attending private 4-year college	.055
Hours per week spent partying	-.051
Registrar: number of years completed	.050
Men—No Registrar's Data (R=.32)	
	Beta
Self-rating: social self-confidence	-.081
Expect to change career choice	.075
Self-reported SAT verbal score	.071
Self-rating: intellectual self-confidence	.069
Student typology: uncommitted	-.067
Women—No Registrar's Data (R=.32)	
	Beta
Average high school grade	.085
Mother's career: homemaker (full-time)	.074
Student's racial background: Black	-.070
Hours per week spent partying	-.069
Father's religion: none	.065

Table A7
Response Rates by Computed Probability of Response

Computed Probability of Response	1985 Cohort		1987 Cohort	
	Percent	N	Percent	N
0.0—0.1	6.4	4,023	6.3	4,108
0.1—0.2	12.4	5,186	13.0	5,496
0.2—0.3	23.8	5,034	23.0	5,136
0.3—0.4	35.2	3,579	35.2	3,230
0.4—0.5	44.7	1,876	46.8	1,486
0.5—0.6	60.3	537	58.9	494
0.6—0.7	70.9	79	66.7	120
0.7 or more	66.7	3	86.7	30
Total	22.5	20,317	21.8	20,100

Appendix B

Converting ACT Scores to SAT Equivalents

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Appendix B

Converting ACT Scores to SAT Equivalents

The ACT equivalent was obtained by summing three ACT subtests (English, Natural Sciences, Social Sciences) and converting to SAT equivalent by the equipercntile method (N=14,865). The sum of the three (range 3–108) ACT subtests was used (rather than simply the ACT English subtest) because it resulted in a better correlation with the SAT Verbal score ($r=.82$ vs. $r=.69$). If a record had one or more of the ACT subtests missing, the entire record was dropped from the file. The resulting conversion table is shown below.

<u>ACT Sum</u>	<u>SAT Verbal</u>	<u>ACT Sum</u>	<u>SAT Verbal</u>	<u>ACT Sum</u>	<u>SAT Verbal</u>
108	800	72	500	36	300
107	800	71	490	35	300
106	800	70	480	34	290
105	800	69	480	33	280
104	800	68	470	32	280
103	800	67	460	31	270
102	800	66	460	30	260
101	790	65	450	29	260
100	770	64	440	28	250
99	760	63	440	27	250
98	750	62	440	26	240
97	740	61	430	25	230
96	730	60	430	24	230
95	720	59	420	23	220
94	710	58	420	22	220
93	700	57	410	21	210
92	690	56	410	20	210
91	680	55	400	19	210
90	670	54	400	18	210
89	660	53	390	17 or below	200
88	640	52	390		
87	630	51	380		
86	620	50	380		
85	610	49	370		
84	600	48	370		
83	590	47	360		
82	580	46	360		
81	570	45	350		
80	560	44	350		
79	550	43	340		
78	540	42	340		
77	540	41	330		
76	530	40	320		
75	520	39	310		
74	510	38	310		
73	510	37	310		

ACT equivalent is obtained by an equipercentile conversion of the ACT Mathematical subtest score (range 1–36) to SAT¹. The correlation between SAT-M and converted ACT-M is .85 (N=14,000).

<u>ACT Math</u>	<u>SAT Math</u>
36	780
35	750
34	730
33	710
32	700
31	680
30	660
29	640
28	610
27	590
26	560
25	530
24	510
23	500
22	480
21	470
20	460
19	450
18	440
17	430
16	410
15	390
14	380
13	370
12	360
11	350
10	340
9	330
8	330
7	320
6	300
5	290
4	280
3	270
2	260
1	240

¹ Adapted from Astin, Henson, and Christian (1978).

Appendix C

1989 Follow-Up Survey Instrument



HIGHER EDUCATION RESEARCH INSTITUTE

GRADUATE SCHOOL OF EDUCATION
405 HILGARD AVENUE
LOS ANGELES, CALIFORNIA 90024-1521
(213) 825-1925

FOLLOW-UP SURVEY OF COLLEGE FRESHMEN

June, 1989

You may recall that when you first entered college you participated in a national research project by completing a questionnaire at the beginning of your freshman year. We are now conducting a new survey to follow-up students who responded to this freshman survey in 1985 and 1987. We want to know about your experiences over the past few years, especially your experiences in college. The results of this survey will help to improve higher education programs at campuses across the country.

We ask that you help us by completing the enclosed questionnaire and returning it in the enclosed postage reply envelope. *Please complete the questionnaire even if you withdrew from college or changed schools.* We are very interested in learning about your experiences in college, no matter how long you attended. The information you provide is confidential and will be used only in group comparisons for research purposes.

Some of the colleges that participated in the original freshman surveys have asked us to include additional questions designed specifically for their students. If your college is among this group, you will find an additional page with supplemental questions enclosed in this envelope. Please mark your answers to these supplemental questions at the end of the survey form, as directed. Again, please be assured that your responses are confidential and will be used only for research.

We will be pleased to send you a summary of the findings when they become available. Just mark the appropriate box on the questionnaire.

Your participation is very important to the success of this project. We thank you in advance for your assistance and cooperation.

Sincerely,

A handwritten signature in cursive script that reads "Alexander W. Astin".

Alexander W. Astin
Professor and Director

DIRECTIONS:

Your responses will be read by an optical mark reader. Your observance of these few directions will be most appreciated.

- Use only a black lead pencil (No. 2 is ideal).
- Make heavy black marks that fill the oval.
- Erase cleanly any answer you wish to change.
- Make no stray markings of any kind.

EXAMPLE: Will marks made with a ball-point or felt-tip pen be properly read?

☐ Yes ☒ No



1. If you could make your college choice over again, would you still choose to enroll at the college you entered as a freshman?

- ☐ Definitely yes ☐ Probably not ☐ Don't know
☐ Probably I would ☐ Definitely not

2. Since entering college have you:

	YES	NO
Enrolled in honors or advanced courses	☒	☐
Enrolled in an interdisciplinary course	☒	☐
Joined or been a member of a fraternity or sorority	☒	☐
Gotten married	☒	☐
Had a part-time job on campus	☒	☐
Had a part-time job off campus	☒	☐
Worked full-time while attending school	☒	☐
Participated in a study abroad program	☒	☐
Participated in a college internship program	☒	☐
Participated in campus protests, demonstrations	☒	☐
Been elected to a student office	☒	☐
Voted in the 1988 election	☒	☐
Graduated with honors	☒	☐
Taken reading/study skills classes	☒	☐
Participated in intercollegiate athletics	☒	☐
Worked on a professor's research project	☒	☐
Played intercollegiate football or basketball	☒	☐
Taken remedial or developmental courses	☒	☐
Purchased a personal computer	☒	☐
Enrolled in an ethnic studies course	☒	☐
Enrolled in a women's studies course	☒	☐
Assisted faculty in teaching a course	☒	☐
Attended a racial/cultural awareness workshop	☒	☐

3. Which option listed below best describes your enrollment status each year since you entered college?

(Mark one in each column)

Attended my first college full-time
 Attended my first college part-time
 Attended a different college full-time
 Attended a different college part-time
 Not enrolled

	YEAR			
	1	2	3	4
Attended my first college full-time	☒	☐	☐	☐
Attended my first college part-time	☐	☒	☐	☐
Attended a different college full-time	☐	☐	☒	☐
Attended a different college part-time	☐	☐	☐	☒
Not enrolled	☐	☐	☐	☐

4. Your sex:

Male ☐

Female ☐

5. Which option listed below best describes where you lived during each year you attended college?

(Mark one in each column)

With parents or relatives
 Other private home, apartment, room
 College dormitory
 Fraternity or sorority house
 Other campus student housing
 Other

	YEAR			
	1	2	3	4
With parents or relatives	☒	☐	☐	☐
Other private home, apartment, room	☐	☒	☐	☐
College dormitory	☐	☐	☒	☐
Fraternity or sorority house	☐	☐	☐	☒
Other campus student housing	☐	☐	☐	☒
Other	☐	☐	☐	☐

6. Since entering college as a freshman, have you taken a leave of absence, withdrawn from school, or transferred to another college? (If more than one applies, mark only the most recent)

- ☐ No → Please go to question 8.
☐ Took a leave of absence
☐ Withdrew from school
☐ Transferred before completing my program

Please answer Question 7

7. How important were each of the reasons listed below in your decision to take a leave of absence, withdraw from school, or transfer?

(Mark one answer for each reason)

Wanted to reconsider my goals and interests
 Changed my career plans
 Wanted practical experience
 Didn't feel like I "fit in" at my first college
 Was bored with my coursework
 Wanted to go to a school with a better academic reputation
 Wanted a better social life
 Wanted to be closer to home
 Had a good job offer
 Wasn't doing as well academically as I had expected
 Family responsibilities
 Tired of being a student
 Had money problems and could no longer afford to attend college
 Wanted to go to a school that offered a wider selection of courses or more major field choices

	Very Important	Somewhat Important	Not Important
Wanted to reconsider my goals and interests	☒	☐	☐
Changed my career plans	☒	☐	☐
Wanted practical experience	☒	☐	☐
Didn't feel like I "fit in" at my first college	☒	☐	☐
Was bored with my coursework	☒	☐	☐
Wanted to go to a school with a better academic reputation	☒	☐	☐
Wanted a better social life	☒	☐	☐
Wanted to be closer to home	☒	☐	☐
Had a good job offer	☒	☐	☐
Wasn't doing as well academically as I had expected	☒	☐	☐
Family responsibilities	☒	☐	☐
Tired of being a student	☒	☐	☐
Had money problems and could no longer afford to attend college	☒	☐	☐
Wanted to go to a school that offered a wider selection of courses or more major field choices	☒	☐	☐

8. What do you plan to be doing in the fall of 1989?

(Mark all that apply)

- ☐ Attending undergraduate college full-time
☐ Attending undergraduate college part-time
☐ Attending graduate or professional school
☐ Attending a vocational training program
☐ Working full-time
☐ Working part-time
☐ Serving in the Armed Forces
☐ Traveling, hosteling, or backpacking
☐ Doing volunteer work
☐ Staying at home to be with (or start) my family

9. Mark the one circle that best describes your undergraduate grade average.

- ☐ A (3.75-4.0) ☐ B- (2.25-2.74)
☐ A- (3.25-3.74) ☐ C (1.75-2.24)
☐ B (2.75-3.24) ☐ C- or less (below 1.75)

10. Please rate your satisfaction with the college you entered as a freshman on each of the aspects of campus life listed below.

(Mark one for each item)

	Very Satisfied	Satisfied	Neutral	Dissatisfied	Can't Rate - No Experience
Science and mathematics courses	☒	☐	☐	☐	☐
Humanities courses	☒	☐	☐	☐	☐
Social science courses	☒	☐	☐	☐	☐
Courses in your major field	☒	☐	☐	☐	☐
General education requirements	☒	☐	☐	☐	☐
Relevance of coursework to everyday life	☒	☐	☐	☐	☐
Overall quality of instruction	☒	☐	☐	☐	☐
Laboratory facilities and equipment	☒	☐	☐	☐	☐
Library facilities	☒	☐	☐	☐	☐
Computer facilities	☒	☐	☐	☐	☐
Opportunities to take interdisciplinary courses	☒	☐	☐	☐	☐
Opportunities to discuss coursework and assignments outside of class with professors	☒	☐	☐	☐	☐
Opportunities to participate in extracurricular activities	☒	☐	☐	☐	☐
Campus social life	☒	☐	☐	☐	☐
Regulations governing campus life	☒	☐	☐	☐	☐
Tutorial help or other academic assistance	☒	☐	☐	☐	☐
Academic advising	☒	☐	☐	☐	☐
Career counseling and advising	☒	☐	☐	☐	☐
Personal counseling	☒	☐	☐	☐	☐
Student housing	☒	☐	☐	☐	☐
Financial aid services	☒	☐	☐	☐	☐
Amount of contact with faculty and administrators	☒	☐	☐	☐	☐
Overall relationships with faculty and administrators	☒	☐	☐	☐	☐
On-campus opportunities to attend films, concerts, etc.	☒	☐	☐	☐	☐
Job placement services for students	☒	☐	☐	☐	☐
Campus health services	☒	☐	☐	☐	☐
Overall college experience	☒	☐	☐	☐	☐

11. Compared with when you entered college as a freshman, how would you now describe your:

(Mark one for each item)

	Much Stronger	Stronger	No Change	Weaker	Much Weaker
General knowledge	☒	☐	☐	☐	☐
Analytical and problem-solving skills	☒	☐	☐	☐	☐
Knowledge of a particular field or discipline	☒	☐	☐	☐	☐
Ability to think critically	☒	☐	☐	☐	☐
Writing skills	☒	☐	☐	☐	☐
Foreign language skills	☒	☐	☐	☐	☐
Job-related skills	☒	☐	☐	☐	☐
Religious beliefs and convictions	☒	☐	☐	☐	☐
Interest in pursuing a graduate/professional degree	☒	☐	☐	☐	☐
Preparation for graduate or professional school	☒	☐	☐	☐	☐
Leadership abilities	☒	☐	☐	☐	☐
Ability to work independently	☒	☐	☐	☐	☐
Interpersonal skills	☒	☐	☐	☐	☐
Cultural awareness and appreciation	☒	☐	☐	☐	☐
Awareness of persons from different races/cultures	☒	☐	☐	☐	☐
Competitiveness	☒	☐	☐	☐	☐
Confidence in your academic abilities	☒	☐	☐	☐	☐
Public speaking ability	☒	☐	☐	☐	☐
Ability to work cooperatively	☒	☐	☐	☐	☐

12. Indicate the importance to you personally of each of the following:

(Mark one for each item)

	Essential	Very Important	Somewhat Important	Not Important
Becoming accomplished in one of the performing arts (acting, dancing, etc.)	☒	☐	☐	☐
Becoming an authority in my field	☒	☐	☐	☐
Obtaining recognition from my colleagues for contributions to my special field	☒	☐	☐	☐
Influencing the political structure	☒	☐	☐	☐
Influencing social values	☒	☐	☐	☐
Raising a family	☒	☐	☐	☐
Having administrative responsibility for the work of others	☒	☐	☐	☐
Being very well off financially	☒	☐	☐	☐
Helping others who are in difficulty	☒	☐	☐	☐
Making a theoretical contribution to science	☒	☐	☐	☐
Writing original works (poems, novels, short stories, etc.)	☒	☐	☐	☐
Creating artistic work (painting, sculpture, decorating, etc.)	☒	☐	☐	☐
Being successful in a business of my own	☒	☐	☐	☐
Becoming involved in programs to clean up the environment	☒	☐	☐	☐
Developing a meaningful philosophy of life	☒	☐	☐	☐
Participating in a community action program	☒	☐	☐	☐
Helping to promote racial understanding	☒	☐	☐	☐
Becoming an expert on finance and commerce	☒	☐	☐	☐

13. How many undergraduate courses have you taken that emphasized:

(Mark one for each item)

	None	1-2 Courses	3-5 Courses	6-8 Courses	9 or More Courses
Writing skills	☐	☐	☐	☐	☐
Math/Understanding numerical data	☐	☐	☐	☐	☐
Science/Scientific Inquiry	☐	☐	☐	☐	☐
History/Historical Analysis	☐	☐	☐	☐	☐
Foreign language skills	☐	☐	☐	☐	☐

14. Indicate how well each of the following describes the college you entered as a freshman.

(Mark one for each item)

	Very Descriptive	Somewhat Descriptive	Not Descriptive
It is easy to see faculty outside of office hours	☒	☐	☐
There is a great deal of conformity among the students	☒	☐	☐
Most of the students are very bright	☒	☐	☐
The administration is open about its policies	☒	☐	☐
There is keen competition among most of the students for high grades	☒	☐	☐
Course work is definitely more theoretical than practical	☒	☐	☐
Faculty are rewarded for their advising skills	☒	☐	☐
Students have little contact with each other outside of class	☒	☐	☐
The faculty are typically at odds with the campus administration	☒	☐	☐
Intercollegiate sports are overemphasized	☒	☐	☐
The classes are usually informal	☒	☐	☐
Faculty here respect each other	☒	☐	☐
Most students are treated like "numbers in a book"	☒	☐	☐
Social activities are overemphasized	☒	☐	☐
There is little or no contact between students and faculty	☒	☐	☐
The student body is apathetic and has little "school spirit"	☒	☐	☐
Students here do not usually socialize with one another	☒	☐	☐
Faculty are rewarded for being good teachers	☒	☐	☐

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19. Please indicate (A) the highest degree you have earned as of June 1989 and (B) the highest degree you plan to complete.

(Mark one in each column)

	Highest Degree Earned	Highest Degree Planned
None	☐ A ☐ B	☐ A ☐ B
Vocational certificate	☐ A ☐ B	☐ A ☐ B
Associate's degree (A.A. or equivalent)	☐ A ☐ B	☐ A ☐ B
Bachelor's degree (B.A., B.S., etc.)	☐ A ☐ B	☐ A ☐ B
Master's degree (M.A., M.S., etc.)	☐ A ☐ B	☐ A ☐ B
Ph.D. or Ed.D.	☐ A ☐ B	☐ A ☐ B
MD, D.O., D.D.S., or D.V.M.	☐ A ☐ B	☐ A ☐ B
LL.B. or J.D. (Law)	☐ A ☐ B	☐ A ☐ B
B.D. or M.Div. (Divinity)	☐ A ☐ B	☐ A ☐ B
Other	☐ A ☐ B	☐ A ☐ B

20. How would you characterize your political views?

(Mark one)

- Far left ☐
 Liberal ☐
 Middle-of-the-road ☐
 Conservative ☐
 Far right ☐

21. Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.

(Mark one for each item)

	Highest 10%	Above Average	Average	Below Average	Lowest 10%
Academic ability	☐	☐	☐	☐	☐
Artistic ability	☐	☐	☐	☐	☐
Drive to achieve	☐	☐	☐	☐	☐
Emotional health	☐	☐	☐	☐	☐
Leadership ability	☐	☐	☐	☐	☐
Mathematical ability	☐	☐	☐	☐	☐
Physical health	☐	☐	☐	☐	☐
Popularity	☐	☐	☐	☐	☐
Self-confidence (intellectual)	☐	☐	☐	☐	☐
Self-confidence (social)	☐	☐	☐	☐	☐
Writing ability	☐	☐	☐	☐	☐
Listening ability	☐	☐	☐	☐	☐

22. Your current religious preference: (Mark one)

- | | |
|--|---|
| Baptist ☐ | Methodist ☐ |
| Buddhist ☐ | Presbyterian ☐ |
| Congregational (UCC) ☐ | Quaker ☐ |
| Eastern Orthodox ☐ | Roman Catholic ☐ |
| Episcopal ☐ | Seventh Day Adventist ☐ |
| Islamic ☐ | Other Protestant ☐ |
| Jewish ☐ | Other Religion ☐ |
| Latter Day Saints (Mormon) ☐ | None ☐ |
| Lutheran ☐ | |

23. Are you a born-again Christian? ☐ Yes ☐ No

24. Are you: (Mark one)

- Not presently married ☐
 Married, living with spouse ☐
 Married, not living with spouse ☐

25. Please mark your probable career/occupation below: (Mark one)

- Accountant or actuary ☐
 Actor or entertainer ☐
 Architect or urban planner ☐
 Artist ☐
 Business (clerical) ☐
 Business executive (management, administrator) ☐
 Business owner or proprietor ☐
 Business salesperson or buyer ☐
 Clergy (minister, priest) ☐
 Clergy (other religious) ☐
 Clinical psychologist ☐
 College teacher ☐
 Computer programmer or analyst ☐
 Conservationist or forester ☐
 Dentist (including orthodontist) ☐
 Dietitian or home economist ☐
 Engineer ☐
 Farmer or rancher ☐
 Foreign service worker (including diplomat) ☐
 Homemaker (full-time) ☐
 Interior decorator (including designer) ☐
 Interpreter (translator) ☐
 Lab technician or hygienist ☐
 Law enforcement officer ☐
 Lawyer (attorney) or judge ☐
 Military service (career) ☐
 Musician (performer, composer) ☐
 Nurse ☐
 Optometrist ☐
 Pharmacist ☐
 Physician ☐
 School counselor ☐
 School principal or superintendent ☐
 Scientific researcher ☐
 Social, welfare or recreation worker ☐
 Statistician ☐
 Therapist (physical, occupational, speech) ☐
 Teacher or administrator (elementary) ☐
 Teacher or administrator (secondary) ☐
 Veterinarian ☐
 Writer or journalist ☐
 Skilled trades ☐
 Other ☐
 Undecided ☐

26. How important are each of the following reasons for your career choice or career preference?

(Mark one for each item)

	E	V	S	N
Job opportunities are generally available	(E)	(V)	(S)	(N)
I enjoy working with the kind of people involved in this field	(E)	(V)	(S)	(N)
The work would be interesting	(E)	(V)	(S)	(N)
This is a well-paying career	(E)	(V)	(S)	(N)
This choice satisfies my parents' hopes	(E)	(V)	(S)	(N)
The work would be challenging	(E)	(V)	(S)	(N)
I feel this enables me to make a contribution to society	(E)	(V)	(S)	(N)
There are opportunities for rapid career advancement	(E)	(V)	(S)	(N)
There are opportunities for freedom of action	(E)	(V)	(S)	(N)

27. Indicate how important you believe each priority listed below is at the college or university you entered as a freshman.

(Mark one for each item)

	H ₁	H ₂	M	L
To promote the intellectual development of students	4	3	2	1
To help students examine and understand their personal values	4	3	2	1
To increase the representation of minorities in the faculty and administration	4	3	2	1
To develop a sense of community among students and faculty	4	3	2	1
To develop leadership ability among students	4	3	2	1
To conduct basic and applied research	4	3	2	1
To raise money for the institution	4	3	2	1
To develop leadership ability among faculty	4	3	2	1
To increase the representation of women in the faculty and administration	4	3	2	1
To facilitate student involvement in community service activities	4	3	2	1
To help students learn how to bring about change in American society	4	3	2	1
To help solve major social and environmental problems	4	3	2	1
To maintain a campus climate where differences of opinion can be aired openly	4	3	2	1
To increase or maintain institutional prestige	4	3	2	1
To develop among students and faculty an appreciation for a multi-cultural society	4	3	2	1
To hire faculty "stars"	4	3	2	1
To economize and cut costs	4	3	2	1
To recruit more minority students	4	3	2	1
To enhance the institution's national image	4	3	2	1
To create a positive undergraduate experience	4	3	2	1
To create a diverse multi-cultural environment on campus	4	3	2	1

28. Below is a list of different major fields.
(Mark only one in each column)
- ☐ Undergraduate major (final or most recent)
- ☐ Graduate major (omit if you do not plan to go to graduate school)

ARTS AND HUMANITIES	PHYSICAL SCIENCE
Art, fine and applied ☐ ☐	Astronomy ☐ ☐
English (language and literature) ☐ ☐	Atmospheric Science (incl. Meteorology) ☐ ☐
History ☐ ☐	Chemistry ☐ ☐
Journalism ☐ ☐	Earth Science ☐ ☐
Language and Literature (except English) ☐ ☐	Marine Science (incl. Oceanography) ☐ ☐
Music ☐ ☐	Mathematics ☐ ☐
Philosophy ☐ ☐	Physics ☐ ☐
Speech ☐ ☐	Statistics ☐ ☐
Theater or Drama ☐ ☐	Other Physical Science ☐ ☐
Theology or Religion ☐ ☐	
Other Arts and Humanities ☐ ☐	PROFESSIONAL
	Architecture or Urban Planning ☐ ☐
	Home Economics ☐ ☐
BIOLOGICAL SCIENCE	Health Technology (medical, dental, laboratory) ☐ ☐
Biology (general) ☐ ☐	Law ☐ ☐
Biochemistry or Biophysics ☐ ☐	Library/Archival Science ☐ ☐
Botany ☐ ☐	Nursing ☐ ☐
Marine (Life) Science ☐ ☐	Pharmacy ☐ ☐
Microbiology or Bacteriology ☐ ☐	Pre dental, Pre medicine, Pre veterinary ☐ ☐
Zoology ☐ ☐	Therapy (occupational, physical, speech) ☐ ☐
Other Biological Science ☐ ☐	Other Professional ☐ ☐
BUSINESS	SOCIAL SCIENCE
Accounting ☐ ☐	Anthropology ☐ ☐
Business Administration (general) ☐ ☐	Economics ☐ ☐
Finance ☐ ☐	Ethnic Studies ☐ ☐
Marketing ☐ ☐	Geography ☐ ☐
Management ☐ ☐	Political Science (gov't., international relations) ☐ ☐
Secretarial Studies ☐ ☐	Psychology ☐ ☐
Other Business ☐ ☐	Social Work ☐ ☐
EDUCATION	Sociology ☐ ☐
Business Education ☐ ☐	Women's Studies ☐ ☐
Elementary Education ☐ ☐	Other Social Science ☐ ☐
Music or Art Education ☐ ☐	TECHNICAL
Physical Education or Recreation ☐ ☐	Building Trades ☐ ☐
Secondary Education ☐ ☐	Data Processing or Computer Programming ☐ ☐
Special Education ☐ ☐	Drafting or Design ☐ ☐
Other Education ☐ ☐	Electronics ☐ ☐
ENGINEERING	Mechanics ☐ ☐
Aeronautical or Astronautical Engineering ☐ ☐	Other Technical ☐ ☐
Civil Engineering ☐ ☐	OTHER FIELDS
Chemical Engineering ☐ ☐	Agriculture ☐ ☐
Electrical or Electronic Engineering ☐ ☐	Communications (radio, TV, etc.) ☐ ☐
Industrial Engineering ☐ ☐	Computer Science ☐ ☐
Mechanical Engineering ☐ ☐	Forestry ☐ ☐
Other Engineering ☐ ☐	Law Enforcement ☐ ☐
	Military Science ☐ ☐
	Other Field ☐ ☐
	Undecided ☐ ☐

29. If you have attended more than one undergraduate college, please write in the name and location of the current (or most recent) college attended. (Please print)

Institution _____ State _____

30. If you have been admitted to a graduate or professional school, please write in the name of the institution and its location. (Please print)

Institution _____ State _____

31. Please provide the following information about your scores on the tests listed below:

GRE: Verbal GRE: Quantitative

LSAT MCAT

32. Would you like to receive a copy of the results of this survey?

☐ Yes ☐ No

33. The Higher Education Research Institute at UCLA actively encourages the colleges that participate in this survey to conduct local studies of their students. If your college asks for a tape copy of the data and signs an agreement to use it only for research purposes, do we have your permission to include your ID number in such a tape?

☐ Yes ☐ No

34. Please provide your Social Security Number:

0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9

- ADDITIONAL QUESTIONS: If you received an additional page of questions, please mark your answers below:

35. ☐ ☐ ☐ ☐ ☐ ☐	42. ☐ ☐ ☐ ☐ ☐ ☐	49. ☐ ☐ ☐ ☐ ☐ ☐
36. ☐ ☐ ☐ ☐ ☐ ☐	43. ☐ ☐ ☐ ☐ ☐ ☐	50. ☐ ☐ ☐ ☐ ☐ ☐
37. ☐ ☐ ☐ ☐ ☐ ☐	44. ☐ ☐ ☐ ☐ ☐ ☐	51. ☐ ☐ ☐ ☐ ☐ ☐
38. ☐ ☐ ☐ ☐ ☐ ☐	45. ☐ ☐ ☐ ☐ ☐ ☐	52. ☐ ☐ ☐ ☐ ☐ ☐
39. ☐ ☐ ☐ ☐ ☐ ☐	46. ☐ ☐ ☐ ☐ ☐ ☐	53. ☐ ☐ ☐ ☐ ☐ ☐
40. ☐ ☐ ☐ ☐ ☐ ☐	47. ☐ ☐ ☐ ☐ ☐ ☐	54. ☐ ☐ ☐ ☐ ☐ ☐
41. ☐ ☐ ☐ ☐ ☐ ☐	48. ☐ ☐ ☐ ☐ ☐ ☐	

55. Please update the name and address information printed on the front page of this questionnaire:

First Name: MI:

Last Name:

Street Address:

City:

State: ZIP Code:

Area Code: Phone:

Birthdate: Month: Day: Year:

THANK YOU!

Please return your completed questionnaire in the postage-paid envelope to:

Higher Education Research Institute
2905 W. Service Rd.
Eagan, MN 55121

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Appendix D

Response Codes
for
Major and Career Fields

385

Student's Probable Major

Collapsed Category	Item Response Alternatives
Agriculture	Agriculture; Forestry.
Biological Sciences	Biology (general); Biochemistry/biophysics; Botany; Marine (life) science; Microbiology/bacteriology; Zoology; Other.
Business	Accounting; Business administration (general); Finance; Marketing; Management; Secretarial studies; Other business.
Education	Business; Elementary. Music or Art; Physical Education or Recreation; Secondary; Special; Other.
Engineering	Aero-or astronautical; Civil; Chemical; Electrical or Electronic; Industrial; Mechanical; Other.
English	English (language or literature).
Health Professional	Nursing; Pharmacy; Premed, Predent, Prevet; Therapy (physical, occupational, speech).
History/Political Science	History; Political Science.
Humanities (Other)	Language (except English); Philosophy; Theater or drama; Theology or religion; Other arts or humanities.
Fine Arts	Art, fine & applied; Music; Speech; Architecture/urban planning.
Mathematics/Statistics	Mathematics; Statistics.
Physical Sciences	Astronomy; Atmospheric science; Chemistry; Earth science; Marine science; Physics; Other physical sciences.
Social Sciences	Anthropology; Economics; Ethnic Studies, Geography; Psychology; Social work; Sociology; Women's studies; Other social sciences.
Other Technical	Health technology; Data processing/computer programming; Drafting or design; Electronics; Mechanics, Other technical; Computer science.
Other Non-Technical	Journalism; Home economics; Library/archival science; Other professional; Building trades; Communications; Law enforcement; Military science; Other field.

Student's Probable Career

Collapsed Category	Item Response Alternatives
Artist	Actor or entertainer; Artist; Interior decorator; Musician (performer, composer); Writer or journalist.
Business	Accountant or actuary; Business (management); Business owner or proprietor; Business sales rep or buyer.
Clergy	Clergy (minister, priest); clergy (other religious).
College Teacher	College teacher.
Doctor (MD or DDS)	Dentist (including orthodontist); Physician.
Education (secondary)	School counselor; School principal; Teacher (secondary).
Engineer	Engineer.
Farmer or Forester	Conservationist or forester.
Health Professional	Dietitian or home economist; Lab technician or hygienist; Optometrist; Pharmacist; Therapist (physical, occupational, speech); Veterinarian.
Lawyer	Lawyer.
Nurse	Nurse.
Research Scientist	
Other	Architect; Clinical psychologist; Computer programmer; Foreign service worker; Homemaker; Law enforcement officer; Military service (career); Social worker; Statistician; Skilled trades; Other.
Undecided	Undecided.

Higher Education Research Institute/CIRP

Current Publications List

November, 1991

The American Freshman:

Twenty-Five Year Trends (\$25.00)

Provides trends data for entering freshman classes on selected items of the CIRP survey from 1966-1990. The report highlights academic skills and preparation, demographic trends, high school activities and experiences, education and career plans, and student attitudes and values. September, 1991/192 pages.

The American College Teacher (\$12.00)

National Norms for the 1989-90 HERI Faculty Survey

Provides an informative profile of teaching faculty at American colleges and universities. Teaching, research activities and professional development issues are highlighted along with issues related to job satisfaction and stress. December, 1990/104 pages.

The Black Undergraduate (\$8.00)

Current Status and Trends in the Characteristics of Freshmen

This study examines changes in the characteristics of black college freshmen during the past two decades. A wide variety of characteristics of black college freshmen are considered in the study: family background, academic experience in high school, reasons for attending college, financial aid, choices of majors and careers, expectations for college, self-concept, values, attitudes, and beliefs. August, 1990/22 pages.

Predicting College Student Retention (\$8.00)

Comparative National Data from the 1982 freshman class.

A practical guide for colleges interested in using registrar's data to predict student retention. Focus is on the entering freshmen class of 1982 using results from the 1986 Follow-up Survey. March, 1989/110 pages.

The Courage and Vision to Experiment (\$10.00)

Hampshire College 1970-1990

Summarizes the results of a study of Hampshire College, an experimenting liberal arts institution located in Amherst, Massachusetts. Through an analysis of alumni outcomes, the report emphasizes how the lessons learned from the innovative approach used at Hampshire can be translated to the higher education community at large. January, 1991/190 pages.

The American College Student

Provides information on the college student experience two and four years after college entry. Student satisfaction, talent development, student involvement, changing values and career development, and retention issues are highlighted along with normative data from student responses to the HERI Follow-up Surveys.

1990 report: Normative data for 1986 and 1988 freshmen. October, 1991/196 pages \$15.00

1989 report: Normative data for 1985 and 1987 freshmen. October, 1991/216 pages \$15.00

1988 report: Normative data for 1984 and 1986 freshmen. August, 1990/210 pages \$15.00

1987 report: Normative data for 1983 and 1985 freshmen. Sept., 1989/130 pages \$15.00

1985 report: Normative data for 1981 and 1983 freshmen. March, 1989/44 pages \$14.00

The American Freshman: National Norms

Provides national normative data on freshman responses to the annual freshman survey. Please check the year you wish to receive:

Year	Price	Year	Price
1966	7.50__	1979	7.50__
1967	7.50__	1980	7.50__
1968	7.50__	1981	7.50__
1969	7.50__	1982	7.50__
1970	7.50__	1983	8.25__
1971	7.50__	1984	8.25__
1972	7.50__	1985	8.50__
1973	7.50__	1986	12.95 (out of stock)
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1978	7.50__		

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